

DATE: Saturday, November 08, 2003 Printable Copy Create Case

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DB=US	SPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=OR		
<u>L6</u>	L1 and states and actions and risk and dynamic	2	<u>L6</u>
<u>L5</u>	L4 and facilitat\$5 and conception	22	<u>L5</u>
<u>L4</u>	((434/323 434/324 434/325 434/326 434/327 434/328 434/329 434/330 434/331 434/332 434/333 434/334 434/335 434/336 434/337 434/338 434/339 434/340 434/341 434/342 434/343 434/344 434/345 434/346 434/347 434/348 434/349 434/350 434/351 434/352 434/353 434/354 434/355 434/356 434/357 434/358 434/359 434/360 434/361 434/362 434/363 434/364 434/372 434/373 434/374 434/375 434/376 434/370 434/371 434/372 434/380 434/381 434/382 434/383 434/384 434/385 434/386 434/387 434/388 434/389 434/390 434/391 434/392 434/393 434/394 434/395 434/396 434/397 434/398 434/399 434/400 434/401 434/402 434/403 434/404 434/405 434/406 434/407 434/408 434/409 434/401 434/401 434/401 434/402 434/401 434/412 434/413 434/414 434/415 434/416 434/417 434/418 434/419 434/420 434/421 434/422 434/423 434/424 434/425 434/426 434/427 434/428 434/429 434/430 434/431 434/432 434/433)1.CCLS.)	5840	<u>L4</u>
<u>L3</u>	L2 and conception	2	<u>L3</u>
<u>L2</u>	L1 and facilitat\$5	47	<u>L2</u>
<u>L1</u>	((706/12)!.CCLS.)	171	<u>L1</u>

END OF SEARCH HISTORY

Generate Collection

Print

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20020198697 A1

L6: Entry 1 of 2

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020198697

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020198697 A1

TITLE: Universal epistemological machine (a.k.a. android)

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY US

RULE-47

Datig, William E. Centerport

US-CL-CURRENT: 704/1; 706/12

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw Desc Image

☐ 2. Document ID: US 6029156 A

L6: Entry 2 of 2

File: USPT

NY

Feb 22, 2000

US-PAT-NO: 6029156

DOCUMENT-IDENTIFIER: US 6029156 A

TITLE: Goal based tutoring system with behavior to tailor to characteristics of a

particular user

DATE-ISSUED: February 22, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lannert; Eric Jeffrey Chicago IL Poon; Alexander Han Leung CTWolcott Ciancaglini; Joseph Michael Greenfield WI

US-CL-CURRENT: <u>706/11</u>; <u>706/12</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw Desc Image

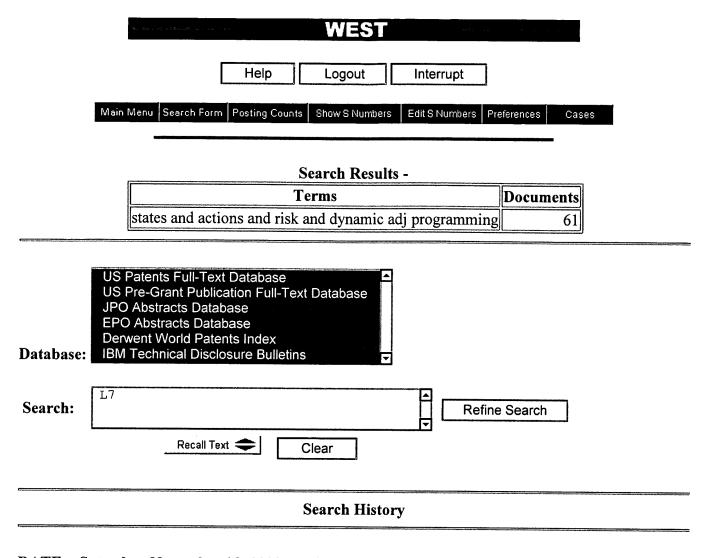
Generate Collection

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Terms	Documents
L1 and states and actions and risk and dynamic	2

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DATE: Saturday, November 08, 2003 Printable Copy Create Case

Set Name ide by side		Hit Count S	Set Name result set
DB=US	SPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=OR		
<u>L7</u>	states and actions and risk and dynamic adj programming	61	<u>L7</u>
<u>L6</u>	L1 and states and actions and risk and dynamic	2	<u>L6</u>
<u>L5</u>	L4 and facilitat\$5 and conception	22	<u>L5</u>
	((434/323 434/324 434/325 434/326 434/327 434/328 434/329 434/330 434/331 434/332 434/333 434/334 434/335 434/336 434/337 434/338 434/339 434/340 434/341 434/342 434/343 434/345 434/345 434/347 434/348 434/349 434/350 434/351 434/352 434/353 434/354 434/355 434/356 434/357 434/358 434/359 434/360 434/361 434/362 434/363 434/364 434/365 434/366 434/367 434/368 434/369 434/370 434/371 434/372 434/373 434/374 434/375 434/376 434/377 434/378 434/379 434/380 434/381 434/382 434/383 434/384 434/385 434/386 434/387 434/388 434/389 434/390 434/391 434/392 434/393 434/394 434/395 434/396 434/397 434/398 434/399 434/400 434/401 434/402 434/403 434/404 434/405 434/406 434/407 434/408 434/409 434/410 434/411 434/412 434/413 434/414 434/415 434/416 434/417 434/418 434/419 434/420 434/421 434/422 434/428 434/429 434/424 434/425 434/433)!.CCLS.)	5840	<u>L4</u>
	L2 and conception	2	<u>L3</u>
	L1 and facilitat\$5	47	<u>L2</u>
<u>L1</u>	((706/12)!.CCLS.)	171	<u>L1</u>

END OF SEARCH HISTORY

WEST

Generate Collection

Print

Search Results - Record(s) 1 through 50 of 61 returned.

☐ 1. Document ID: US 20030208723 A1

L7: Entry 1 of 61

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030208723

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030208723 A1

TITLE: Automated processor generation system for designing a configurable processor

and method for the same

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Killian, Earl A.	Los Altos Hills	CA	US	
Gonzalez, Ricardo E.	Menlo Park	CA	US	
Dixit, Ashish B.	Mountain View	CA	US	
Lam, Monica	Menlo Park	CA	US	
Lichtenstein, Walter D.	Belmont	MA	US	
Rowen, Christopher	Santa Cruz	CA	US	
Ruttenberg, John C.	Newton	MA	US	
Wilson, Robert P.	Palo Alto	CA	US	
Wang, Albert Ren-Rui	Fremont	CA	US	
Maydan, Dror Eliezer	Palo Alto	CA	US	

US-CL-CURRENT: 716/1

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMIC Draw Desc Image

☐ 2. Document ID: US 20030204368 A1

L7: Entry 2 of 61

File: PGPB

Oct 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030204368

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030204368 A1

TITLE: Adaptive sequential detection network

PUBLICATION-DATE: October 30, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Ertin, Emre Lewis Center OH US Priddy, Kevin L. Dayton OH US

US-CL-CURRENT: 702/179

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMIC Draw Desc Image

☐ 3. Document ID: US 20030198975 A1

L7: Entry 3 of 61

File: PGPB

Oct 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030198975

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030198975 A1

TITLE: Proteins associated with cell growth, differentiation, and death

PUBLICATION-DATE: October 23, 2003

INVENTOR-INFORMATION:

Tive Division Tive Ordanization.				
NAME	CITY	STATE	COUNTRY	RULE-47
Azimzai, Yalda	Oakland	CA	US	
Au-Young, Janice	Brisbane	CA	US	
Batra, Sajeev	Oakland	CA	US	
Baughn, Mariah R.	San Leandro	CA	US	
Becha, Shanya D.	Castro Valley	CA	US	
Borowsky, Mark L.	Redwood City	CA	US	
Burford, Neil	Durham	CT	US	
Ding, Li	Creve Coeur	MO	US	
Elliott, Vicki S.	San Jose	CA	US	
Emerling, Brooke M.	Chicago	IL	US	
Gandhi, Ameena R.	San Francisco	CA	US	
Gietzen, Kimberly J.	San Jose	CA	US	
Griffin, Jennifer A.	San Jose	CA	US	
Hafalia, April J. A.	Santa Clara	CA	US	
Honchell, Cynthia D.	San Carlos	CA	US	
Lal, Preeti G.	Santa Clara	CA	US	
Lee, Soo Yeun	Daly City	CA	US	
Lu, Dyung Aina M.	San Jose	CA	US	
Arvizu, Chandra S.	San Jose	CA	US	
Ramkumar, Jayalaxmi	Fremont	CA	US	
Reddy, Roopa M.	Sunnyvale	CA	US	
Sanjanwala, Madhusudan S.	Los Altos	CA	US	
Tang, Y. Tom	San Jose	CA	US	
Chawla, Narinder K.	Union City	CA	US	
Wang, Yu-Mei E.	Mountain View	CA	US	
Warren, Bridget A.	Encinitas	CA	US	
Xu, Yuming	Mountain View	CA	US	
Yang, Junming	San Jose	CA	US	
Yao, Monique G.	Carmel	IN	US	
Yue, Henry	Sunnyvale	CA	US	
Zebarjadian, Yeganeh	San Francisco	CA	US	

US-CL-CURRENT: 435/6; 435/183, 435/320.1, 435/325, 435/69.1, 514/44, 530/350, 530/388.26, $536\overline{/23.2}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KVMC Draw Desc Image

☐ 4. Document ID: US 20030175703 A1

L7: Entry 4 of 61

File: PGPB

Sep 18, 2003

PGPUB-DOCUMENT-NUMBER: 20030175703

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030175703 A1

TITLE: RNA aptamers and methods for identifying the same

PUBLICATION-DATE: September 18, 2003

INVENTOR-INFORMATION:

White, Rebekah

NAME CITY STATE COUNTRY RULE-47 Sullenger, Bruce A. Durham NC US Rusconi, Christopher P. Durham NC US Kontos, Christopher Durham NC US

Durham

US-CL-CURRENT: 435/6; 514/44, 536/23.1

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWMC | Draww Desc | Image

☐ 5. Document ID: US 20030167265 A1

L7: Entry 5 of 61

File: PGPB

NC

US

Sep 4, 2003

PGPUB-DOCUMENT-NUMBER: 20030167265

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030167265 A1

TITLE: Computer method and user interface for decision analysis and for global

system optimization

PUBLICATION-DATE: September 4, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Corynen, Guy Charles San Ramon CA US

US-CL-CURRENT: 707/4

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 6. Document ID: US 20030149574 A1

L7: Entry 6 of 61

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030149574

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030149574 A1

TITLE: Method for providing media consumers with total choice and total control

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Rudman, Daniel E. Waterford MI US

US-CL-CURRENT: 705/1

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC Draw Desc Image

☐ 7. Document ID: US 20030143589 A1

L7: Entry 7 of 61 File: PGPB Jul 31, 2003

PGPUB-DOCUMENT-NUMBER: 20030143589

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030143589 A1

TITLE: Drug metabolizing enzymes

PUBLICATION-DATE: July 31, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Baughn, Mariah R.	San Leandro	CA	US	
Bruns, Christopher M.	Mountain View	CA	US	
Das, Debopriya	Mountain View	CA	US	
Ding, Li	Creve Coeur	MO	US	
Elliott, Vicki S.	San Jose	CA	US	
Gandhi, Ameena R.	San Francisco	CA	US	
Hafalia, April J.A.	Santa Clara	CA	US	
Kearney, Liam	San Francisco	CA	US	
Khan, Farrah A.	Des Plaines	IL	US	
Lal, Preeti G.	Santa Clara	CA	US	
Lee, Ernestine A.	Castro Valley	CA	US	
Lu, Dyung Aina M.	San Jose	CA	US	
Lu, Yan	Mountain View	CA	US	
Nguyen, Danniel B.	San Jose	CA	US	
Arvizu, Chandra S.	San Jose	CA	US	
Ramkumar, Jayalaxmi	Fremont	CA	US	
Ring, Huijun Z.	Foster City	CA	US	
Sanjanwala, Madhusudan M.	Los Altos	CA	US	
Tang, Y. Tom	San Jose	CA	US	
Thangavelu, Kavitha	Sunnyvale	CA	US	
Thornton, Michael B.	Oakland	CA	US	
Tribouley, Catherine M.	San Francisco	CA	US	
Chawla, Narinder K.	Union City	CA	US	
Xu, Yuming	Mountain View	CA	US	
Yang, Junming	San Jose	CA	US	
Yao, Monique G.	Carmel	IN	US	
Yue, Henry	Sunnyvale	CA	US	

US-CL-CURRENT: 435/6; 435/183, 435/320.1, 435/325, 435/69.1, 530/388.26, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWC Draw, Desc Image

☐ 8. Document ID: US 20030138895 A1

L7: Entry 8 of 61

File: PGPB

Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030138895

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030138895 A1

TITLE: Drug metabolizing enzymes

PUBLICATION-DATE: July 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tang, Y. Tom	San Jose	CA	US	
Baughn, Mariah R.	San Leandro	CA	US	
Yao, Monique G.	Mountain View	CA	US	
Bandman, Olga	Mountain View	CA	US	
Azimzai, Yalda	Castro Valley	CA	US	
Lal, Preeti	Santa Clara	CA	US	
Gandhi, Ameena R.	San Francisco	CA	US	
Ring, Huijun Z.	Los Altos	CA	US	
Shih, Leo L.	Palo Alto	CA	US	
Yang, Junming	San Jose	CA	US	
Policky, Jennifer L.	San Jose	CA	US	
Yue, Henry	Sunnyvale	CA	US	

US-CL-CURRENT: $\underline{435}/\underline{69.1}$; $\underline{435}/\underline{183}$, $\underline{435}/\underline{320.1}$, $\underline{435}/\underline{325}$, $\underline{435}/\underline{6}$, $\underline{536}/\underline{23.2}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

9. Document ID: US 20030130179 A1

L7: Entry 9 of 61

File: PGPB

Jul 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030130179

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030130179 A1

TITLE: Methods for identifying therapeutic targets for treating infectious disease

PUBLICATION-DATE: July 10, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Shepard, H. Michael Encinitas CA US Lackey, David B. San Diego CA US Cathers, Brian E. San Diego CA US Sergeeva, Maria V. San Diego CA US

US-CL-CURRENT: <u>514/12</u>; <u>435/5</u>, <u>435/7.1</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KVMC Draw Desc Image

☐ 10. Document ID: US 20030074247 A1

L7: Entry 10 of 61

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030074247

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030074247 A1

TITLE: System, method, and article of manufacture for manipulating the actors in a

supply chain system

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Dick, Kevin S. Palo Alto CA US
Dussinger, Steven W. Lutz FL US

US-CL-CURRENT: 705/9; 705/11

Full Title Citation Front Review Classification Date Reference Sequences Attachments Killing

KWC Draw Desc Image

☐ 11. Document ID: US 20030061081 A1

L7: Entry 11 of 61

File: PGPB

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030061081

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030061081 A1

TITLE: System, method and article of manufacture for collaborative supply chain

modules of a supply chain system

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Kellond, Cheryl Sunnyvale CA US Dussinger, Steven W. Lutz FL US

US-CL-CURRENT: 705/7; 700/95, 705/9

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWC Draw Desc Image

☐ 12. Document ID: US 20030061004 A1

L7: Entry 12 of 61

File: PGPB

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030061004

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030061004 A1

TITLE: System and method for dynamic multi-objective optimization of machine

selection, integration and utilization

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Discenzo, Frederick M. Brecksville OH US

US-CL-CURRENT: 702/182

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw, Desc Image

☐ 13. Document ID: US 20030033145 A1

L7: Entry 13 of 61 File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030033145

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030033145 A1

TITLE: System, method, and article of manufacture for detecting emotion in voice

signals by utilizing statistics for voice signal parameters

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Petrushin, Valery A. Arlington Heights IL US

US-CL-CURRENT: 704/236

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 14. Document ID: US 20030023444 A1

L7: Entry 14 of 61

File: PGPB

Jan 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030023444

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030023444 A1

TITLE: A VOICE RECOGNITION SYSTEM FOR NAVIGATING ON THE INTERNET

PUBLICATION-DATE: January 30, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

ST. JOHN, VICKI BOULDER CREEK CA US

US-CL-CURRENT: 704/270.1

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 15. Document ID: US 20020151992 A1

L7: Entry 15 of 61

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020151992

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020151992 A1

TITLE: Media recording device with packet data interface

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE COUNTRY RULE-47

Hoffberg, Steven M.

West Harrison

US

son NY

Hoffberg-Borghesani, Linda I.

Acton

MA US

US-CL-CURRENT: 700/83; 700/17, 700/18, 700/86, 700/87

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 16. Document ID: US 20020138620 A1

L7: Entry 16 of 61

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020138620

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020138620 A1

TITLE: System method and article of manufacture for global log-in capabilities in a

supply chain system

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Brown, Barbara A.

Los Gatos

CA

US

US-CL-CURRENT: 709/227; 709/229

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 17. Document ID: US 20020138320 A1

L7: Entry 17 of 61

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020138320

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020138320 A1

TITLE: System, method and article of manufacture for global, device-independent deployment of a supply chain management system

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Robertson, Thomas B. Sun City AZ US Padd, Peter J. San Rafael CA US

US-CL-CURRENT: 705/8

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

☐ 18. Document ID: US 20020138314 A1

L7: Entry 18 of 61 File: PGPB Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020138314

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020138314 A1

TITLE: System, method and article of manufacture for multiple language support in a

supply chain system

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Brown, Barbara A. Los Gatos CA US Dick, Kevin S. Palo Alto CA US

US-CL-CURRENT: 705/7; 705/28

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

☐ 19. Document ID: US 20020133359 A1

L7: Entry 19 of 61 File: PGPB Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020133359

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020133359 A1

TITLE: System, method and article of manufacture for country and regional treatment

in a supply chain system

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Brown, Barbara A. Los Gatos CA US

US-CL-CURRENT: 705/1

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 20. Document ID: US 20020129021 A1

L7: Entry 20 of 61 File: PGPB Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020129021

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020129021 A1

TITLE: System, method and article of manufacture for handling global data in a

supply chain system

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Brown, Barbara A. Los Gatos CA US

US-CL-CURRENT: 707/10

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 21. Document ID: US 20020128890 A1

L7: Entry 21 of 61

File: PGPB Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020128890

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020128890 A1

TITLE: System, method and article of manufacture for workflow management of a supply

chain system

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Dick, Kevin S. Palo Alto CA US
Dussinger, Steven W. Lutz FL US

US-CL-CURRENT: 705/8; 715/500

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 22. Document ID: US 20020124109 A1

L7: Entry 22 of 61 File: PGPB Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020124109

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020124109 A1

TITLE: System, method and article of manufacture for multilingual global editing in

a supply chain system

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Brown, Barbara A. Los Gatos CA US

US-CL-CURRENT: 709/246

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWMC Draw, Desc Image

☐ 23. Document ID: US 20020123880 A1

L7: Entry 23 of 61

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020123880

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020123880 A1

TITLE: System, method and article of manufacture for translating technical words in

a supply chain system

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME Brown, Barbara A. CITY

STATE

COUNTRY RULE-47

Los Gatos CA US

US-CL-CURRENT: 704/4

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw, Desc Image

☐ 24. Document ID: US 20020120459 A1

L7: Entry 24 of 61

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120459

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020120459 A1

TITLE: System, method and article of manufacture for manipulating the sequence of

work item execution in a supply chain system

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY RULE-47

Dick, Kevin S.

Palo Alto

CA

110111

Dussinger, Steven W.

Lutz

FL

US US

US-CL-CURRENT: 705/1

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 25. Document ID: US 20020107599 A1

L7: Entry 25 of 61

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020107599

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020107599 A1

TITLE: Method and system for dispatching semiconductor lots to manufacturing

equipment for fabrication

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Patel, Nital S. Plano TX US Jenkins, Steven T. Plano TX US

US-CL-CURRENT: 700/99; 700/103, 700/112, 700/121, 700/219, 700/28, 700/32

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 26. Document ID: US 20020093980 A1

L7: Entry 26 of 61

File: PGPB

Jul 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020093980

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020093980 A1

TITLE: System and method for providing peer-oriented control of telecommunications

services

PUBLICATION-DATE: July 18, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Trebes, Harold Herman JR. Atlanta GA US

US-CL-CURRENT: 370/466

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 27. Document ID: US 20020072956 A1

L7: Entry 27 of 61

File: PGPB

Jun 13, 2002

PGPUB-DOCUMENT-NUMBER: 20020072956

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020072956 A1

TITLE: System and method for determining the optimum configuration strategy for

systems with multiple decision options

PUBLICATION-DATE: June 13, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Willems, Sean P. Brookline MA US Ruark, John D. Cambridge MA US

US-CL-CURRENT: <u>705/10</u>; <u>705/400</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 28. Document ID: US 20020010587 A1

L7: Entry 28 of 61

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020010587

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020010587 A1

TITLE: SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A VOICE ANALYSIS SYSTEM THAT

DETECTS NERVOUSNESS FOR PREVENTING FRAUD

PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

PERTRUSHIN, VALERY A. ARLINGTON HEIGHTS ILUS

US-CL-CURRENT: 704/275

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWC Draw Desc Image

☐ 29. Document ID: US 20020002464 A1

L7: Entry 29 of 61

File: PGPB

Jan 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020002464

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020002464 A1

TITLE: SYSTEM AND METHOD FOR A TELEPHONIC EMOTION DETECTION THAT PROVIDES OPERATOR

FEEDBACK

PUBLICATION-DATE: January 3, 2002

INVENTOR-INFORMATION:

NAME CITY

STATE COUNTRY RULE-47

PETRUSHIN, VALERY A. ARLINGTON HEIGHTS ILUS

US-CL-CURRENT: 704/275

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 30. Document ID: US 20020002460 A1

L7: Entry 30 of 61

File: PGPB

Jan 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020002460

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020002460 A1

TITLE: SYSTEM METHOD AND ARTICLE OF MANUFACTURE FOR A VOICE MESSAGING EXPERT SYSTEM

THAT ORGANIZES VOICE MESSAGES BASED ON DETECTED EMOTIONS

PUBLICATION-DATE: January 3, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

PERTRUSHIN, VALERY ARLINGTON HEIGHTS ILUS

US-CL-CURRENT: 704/270

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

☐ 31. Document ID: US 20010056349 A1

L7: Entry 31 of 61

File: PGPB Dec 27, 2001

PGPUB-DOCUMENT-NUMBER: 20010056349

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010056349 A1

TITLE: 69VOICE AUTHENTICATION SYSTEM AND METHOD FOR REGULATING BORDER CROSSING

PUBLICATION-DATE: December 27, 2001

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

ST. JOHN, VICKI BOULDER CREEK CA US

US-CL-CURRENT: 704/270

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

☐ 32. Document ID: US 20010011260 A1

L7: Entry 32 of 61 File: PGPB

Aug 2, 2001

PGPUB-DOCUMENT-NUMBER: 20010011260

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010011260 A1

TITLE: Automated diagnosis of printer systems using bayesian networks

PUBLICATION-DATE: August 2, 2001

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Skaanning, Claus Dronninglund ID DK Jensen, Finn V. Broenderslev ID DK Kjaerulff, Uffe Aalborg DK Pelletier, Paul A. Boise US Jensen, Lasse Rostrup Aalborg DK Parker, Marilyn A. Boise US Bogorad, Janice L. Allerod DK

US-CL-CURRENT: 706/46

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWMC Draw Desc Image

☐ 33. Document ID: US 6640145 B2

L7: Entry 33 of 61

File: USPT

Oct 28, 2003

US-PAT-NO: 6640145

DOCUMENT-IDENTIFIER: US 6640145 B2

TITLE: Media recording device with packet data interface

DATE-ISSUED: October 28, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Hoffberg; Steven

West Harrison

NY 10604

COONTRI

Hoffberg-Borghesani; Linda

Acton

MA

ZIP CODE

01720

US-CL-CURRENT: 700/83; 700/17, 700/19, 700/23, 704/200, 704/201, 704/7, 709/200, 709/201, 709/202

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 34. Document ID: US 6584369 B2

L7: Entry 34 of 61

File: USPT

Jun 24, 2003

US-PAT-NO: 6584369

DOCUMENT-IDENTIFIER: US 6584369 B2

TITLE: Method and system for dispatching semiconductor lots to manufacturing equipment for fabrication

edarbment for rapification

DATE-ISSUED: June 24, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Patel; Nital S.

Plano

TX

Jenkins; Steven T.

Plano

TX

US-CL-CURRENT: 700/100; 700/104, 700/108, 700/97, 705/7

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMAC Draw Desc Image

☐ 35. Document ID: US 6581048 B1

L7: Entry 35 of 61

File: USPT

Jun 17, 2003

US-PAT-NO: 6581048

DOCUMENT-IDENTIFIER: US 6581048 B1

TITLE: 3-brain architecture for an intelligent decision and control system

DATE-ISSUED: June 17, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

. .

Werbos; Paul J.

Arlington

VA

22202

US-CL-CURRENT: 706/23; 250/369, 706/16

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWC Draw Desc Image

COUNTRY

☐ 36. Document ID: US 6535865 B1

L7: Entry 36 of 61

File: USPT

Mar 18, 2003

US-PAT-NO: 6535865

DOCUMENT-IDENTIFIER: US 6535865 B1

** See image for Certificate of Correction **

TITLE: Automated diagnosis of printer systems using Bayesian networks

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Skaaning; Claus Dronninglund DK Jensen; Finn V. Broenderslev DK Kj.ae butted.rulff; Uffe Aalborg DK Pelletier; Paul A. Boise ID Jensen; Lasse Rostrup Aalborg DK Parker; Marilyn A. Boise ID Boborad; Janice L. Allerfd DK

US-CL-CURRENT: 706/52; 370/389, 704/270

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWC Drawl Desc Image

☐ 37. Document ID: US 6477683 B1

L7: Entry 37 of 61

File: USPT

Nov 5, 2002

US-PAT-NO: 6477683

DOCUMENT-IDENTIFIER: US 6477683 B1

TITLE: Automated processor generation system for designing a configurable processor

and method for the same

DATE-ISSUED: November 5, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Killian; Earl A. Los Altos Hills CA Gonzalez; Ricardo E. Menlo Park CA Dixit; Ashish B. Mountain View CA Lam; Monica Menlo Park CA Lichtenstein; Walter D. Belmont MA Rowen; Christopher Santa Cruz CA Ruttenberg; John C. Newton MΆ Wilson; Robert P. Palo Alto CA Wang; Albert Ren-Rui Fremont CA Maydan; Dror Eliezer Palo Alto CA

US-CL-CURRENT: 716/1; 716/18

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 38. Document ID: US 6418424 B1

L7: Entry 38 of 61

File: USPT

Jul 9, 2002

US-PAT-NO: 6418424

DOCUMENT-IDENTIFIER: US 6418424 B1

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition

based control system

DATE-ISSUED: July 9, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Hoffberg; Steven M. West Harrison NY 10604 Hoffberg-Borghesani; Linda I. Acton MA 01720

US-CL-CURRENT: 706/21; 434/178, 706/52

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 39. Document ID: US 6415259 B1

L7: Entry 39 of 61

File: USPT

Jul 2, 2002

US-PAT-NO: 6415259

DOCUMENT-IDENTIFIER: US 6415259 B1

** See image for Certificate of Correction **

TITLE: Automatic work progress tracking and optimizing engine for a

telecommunications customer care and billing system

DATE-ISSUED: July 2, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Wolfinger; Chase Dusseldorf DE

Sotola; Rene Boulder CO

US-CL-CURRENT: 705/8; 705/11, 705/7, 705/9

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWC Draw Desc Image

☐ 40. Document ID: US 6400996 B1

L7: Entry 40 of 61

File: USPT

Jun 4, 2002

US-PAT-NO: 6400996

DOCUMENT-IDENTIFIER: US 6400996 B1

TITLE: Adaptive pattern recognition based control system and method

DATE-ISSUED: June 4, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Hoffberg; Steven M. West Harrison NY 10994 Hoffberg-Borghesani; Linda I. Acton MA 01720

US-CL-CURRENT: $\frac{700/83}{700/86}$, $\frac{345/810}{700/87}$, $\frac{345/840}{709/102}$, $\frac{345/841}{709/223}$, $\frac{370/218}{709/318}$, $\frac{370/355}{709/318}$, $\frac{700/24}{709/318}$

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments

KMC Draw Desc Image

☐ 41. Document ID: US 6317438 B1

L7: Entry 41 of 61

File: USPT

Nov 13, 2001

US-PAT-NO: 6317438

DOCUMENT-IDENTIFIER: US 6317438 B1

TITLE: System and method for providing peer-oriented control of telecommunications services

DC1 V1CC3

DATE-ISSUED: November 13, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Trebes, Jr.; Harold Herman Atlanta GA 30306

US-CL-CURRENT: 370/466; 370/351, 370/395.1, 370/410

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

☐ 42. Document ID: US 6301571 B1

L7: Entry 42 of 61

File: USPT

Oct 9, 2001

US-PAT-NO: 6301571

DOCUMENT-IDENTIFIER: US 6301571 B1

TITLE: Method for interacting with a test subject with respect to knowledge and

functionality

DATE-ISSUED: October 9, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Tatsuoka; Curtis M. Trenton NJ 08638

US-CL-CURRENT: 706/45; 434/322, 705/7, 706/50, 715/501.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KMIC | Draw, Desc | Image |

☐ 43. Document ID: US 6275806 B1

L7: Entry 43 of 61 File: USPT

Aug 14, 2001

US-PAT-NO: 6275806

DOCUMENT-IDENTIFIER: US 6275806 B1

TITLE: System method and article of manufacture for detecting emotion in voice

signals by utilizing statistics for voice signal parameters

DATE-ISSUED: August 14, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Pertrushin; Valery A. Arlington Heights IL

US-CL-CURRENT: 704/272; 704/270

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC Draw Desc Image

☐ 44. Document ID: US 6260033 B1

L7: Entry 44 of 61 File: USPT Jul 10, 2001

US-PAT-NO: 6260033

DOCUMENT-IDENTIFIER: US 6260033 B1

TITLE: Method for remediation based on knowledge and/or functionality

DATE-ISSUED: July 10, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Tatsuoka; Curtis M. Trenton NJ 08638

US-CL-CURRENT: 706/45; 434/322, 705/7, 706/50, 715/501.1

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

☐ 45. Document ID: US 6169981 B1

L7: Entry 45 of 61 File: USPT Jan 2, 2001

US-PAT-NO: 6169981

DOCUMENT-IDENTIFIER: US 6169981 B1

TITLE: 3-brain architecture for an intelligent decision and control system

DATE-ISSUED: January 2, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Werbos; Paul J. College Park MD 20740-2403

US-CL-CURRENT: 706/23; 706/15, 706/16, 706/26, 706/27

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWIC | Draws Desc | Image |

☐ 46. Document ID: US 6151571 A

L7: Entry 46 of 61

File: USPT

Nov 21, 2000

US-PAT-NO: 6151571

DOCUMENT-IDENTIFIER: US 6151571 A

TITLE: System, method and article of manufacture for detecting emotion in voice

signals through analysis of a plurality of voice signal parameters

DATE-ISSUED: November 21, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Pertrushin; Valery A. Arlington Heights IL

US-CL-CURRENT: 704/209; 704/207, 704/270

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 47. Document ID: US 6127119 A

L7: Entry 47 of 61 File: USPT Oct 3, 2000

US-PAT-NO: 6127119

DOCUMENT-IDENTIFIER: US 6127119 A

TITLE: Nucleic acid ligands of tissue target

DATE-ISSUED: October 3, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Stephens; Andrew Boulder CO Gold; Larry Boulder CO

Speck; Ulrich Berlin DE

US-CL-CURRENT: 435/6; 435/91.2, 536/24.3, 536/24.31, 536/25.4

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments

KWIC Draw Desc Image

☐ 48. Document ID: US 6122572 A

L7: Entry 48 of 61

File: USPT

Sep 19, 2000

US-PAT-NO: 6122572

DOCUMENT-IDENTIFIER: US 6122572 A

** See image for Certificate of Correction **

TITLE: Autonomous command and control unit for mobile platform

DATE-ISSUED: September 19, 2000

INVENTOR-INFORMATION:

NAME CITY

STATE ZIP CODE

COUNTRY

Yavnai; Arie

Kiryat Bialik

IL

US-CL-CURRENT: 701/23; 342/13, 342/16, 701/200, 701/3, 701/36

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 49. Document ID: US 6081750 A

L7: Entry 49 of 61

File: USPT

Jun 27, 2000

US-PAT-NO: 6081750

DOCUMENT-IDENTIFIER: US 6081750 A

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition

based control system

DATE-ISSUED: June 27, 2000

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Hoffberg; Steven Mark

Yonkers

NY

MA

10701-1705

Hoffberg-Borghesani; Linda Irene

Acton

01720

US-CL-CURRENT: 700/17; 345/520, 700/11, 700/56, 700/83, 700/86

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 50. Document ID: US 6073054 A

L7: Entry 50 of 61

File: USPT

Jun 6, 2000

US-PAT-NO: 6073054

DOCUMENT-IDENTIFIER: US 6073054 A

** See image for Certificate of Correction **

TITLE: Information processing system

DATE-ISSUED: June 6, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Katayama; Yasunori	Mito			JP
Kawakami; Junzo	Mito			JP
Kudo; Hiroyuki	Hitachi			JP
Hirakouchi; Yoshiki	Tokyo			JP
Ishikawa; Hiroaki	Kawasaki			JP

US-CL-CURRENT: 700/28; 700/2, 700/40, 700/9, 700/90, 700/91

Title Citation Front Review Classification Date Reference Sequences Attachments	KWMC Draw Desc Image
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☐ 51. Document ID: US 5903454 A

L7: Entry 51 of 61

File: USPT

May 11, 1999

US-PAT-NO: 5903454

DOCUMENT-IDENTIFIER: US 5903454 A

TITLE: Human-factored interface corporating adaptive pattern recognition based

controller apparatus

DATE-ISSUED: May 11, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Hoffberg; Linda Irene Acton MA 01720 Hoffberg; Steven M. West Harrison NY 10604

US-CL-CURRENT: 700/83; 382/155, 700/45, 700/86

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 52. Document ID: US 5901246 A

L7: Entry 52 of 61

File: USPT

May 4, 1999

US-PAT-NO: 5901246

DOCUMENT-IDENTIFIER: US 5901246 A

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition

based control system

DATE-ISSUED: May 4, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Hoffberg; Steven M. Yonkers NY 10701-1705

Hoffberg-Borghesani; Linda I. Acton MA 01720

US-CL-CURRENT: 382/209

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 53. Document ID: US 5875437 A

L7: Entry 53 of 61

File: USPT

Feb 23, 1999

US-PAT-NO: 5875437

DOCUMENT-IDENTIFIER: US 5875437 A

TITLE: System for the operation and management of one or more financial accounts through the use of a digital communication and computation system for exchange,

investment and borrowing

DATE-ISSUED: February 23, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Atkins; Charles Agee Charleston SC

US-CL-CURRENT: 705/40

Full Title Citation Front Review Classification Date Reference Sequences Attachments KIMIC Draw Desc Image

☐ 54. Document ID: US 5875108 A

L7: Entry 54 of 61

File: USPT

Feb 23, 1999

US-PAT-NO: 5875108

DOCUMENT-IDENTIFIER: US 5875108 A

TITLE: Ergonomic man-machine interface incorporating adaptive pattern recognition

based control system

DATE-ISSUED: February 23, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Hoffberg; Steven M. Yonkers NY 10701-1705

Hoffberg-Borghesani; Linda I. Acton MA 01720

US-CL-CURRENT: 700/17; 382/181, 382/190, 700/83

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 55. Document ID: US 5805832 A

L7: Entry 55 of 61

File: USPT

Sep 8, 1998

US-PAT-NO: 5805832

DOCUMENT-IDENTIFIER: US 5805832 A

TITLE: System for parametric text to text language translation

DATE-ISSUED: September 8, 1998

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Brown; Peter Fitzhugh New York Cocke; John Bedford NY Della Pietra; Stephen Andrew Pearl River NY Della Pietra; Vincent Joseph Blauvelt NY Jelinek; Frederick Briarcliff Manor NY Lai; Jennifer Ceil Garrison NY Mercer; Robert Leroy Yorktown Heights NY

US-CL-CURRENT: 711/1; 704/1, 704/2, 704/9

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

☐ 56. Document ID: US 5768603 A

L7: Entry 56 of 61

File: USPT

Jun 16, 1998

US-PAT-NO: 5768603

DOCUMENT-IDENTIFIER: US 5768603 A

TITLE: Method and system for natural language translation

DATE-ISSUED: June 16, 1998

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Brown; Peter Fitzhugh New York NY Cocke; John Bedford NY Della Pietra; Stephen Andrew Pearl River NY Della Pietra; Vincent Joseph Blauvelt NY Jelinek; Frederick Briarcliff Manor NY Lai; Jennifer Ceil Garrison NY Mercer; Robert Leroy Yorktown Heights NY

US-CL-CURRENT: 704/9; 704/232, 704/239, 704/256, 704/277, 704/7

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 57. Document ID: US 5750342 A

L7: Entry 57 of 61

File: USPT

May 12, 1998

US-PAT-NO: 5750342

DOCUMENT-IDENTIFIER: US 5750342 A

TITLE: Nucleic acid ligands of tissue target

DATE-ISSUED: May 12, 1998

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Stephens; Andrew Denver CO Schneider; Dan Boulder CO Gold; Larry Boulder CO

Speck; Ulrich Berlin DE

US-CL-CURRENT: 435/6; 435/91.2, 536/23.1, 536/25.4

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC Draw Desc Image

☐ 58. Document ID: US 5688935 A

L7: Entry 58 of 61 File: USPT Nov 18, 1997

US-PAT-NO: 5688935

DOCUMENT-IDENTIFIER: US 5688935 A

TITLE: Nucleic acid ligands of tissue target

DATE-ISSUED: November 18, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Stephens; Andrew Denver CO Schneider; Dan J. Boulder CO Gold; Larry Boulder CO

Speck; Ulrich Berlin DE

US-CL-CURRENT: 536/23.1; 435/6, 435/91.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 59. Document ID: US 5644727 A

L7: Entry 59 of 61 File: USPT Jul 1, 1997

US-PAT-NO: 5644727

DOCUMENT-IDENTIFIER: US 5644727 A

TITLE: System for the operation and management of one or more financial accounts through the use of a digital communication and computation system for exchange,

investment and borrowing

DATE-ISSUED: July 1, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Atkins; Charles Agee Charleston SC

US-CL-CURRENT: 705/40

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 60. Document ID: US 5510981 A

L7: Entry 60 of 61

File: USPT

Apr 23, 1996

US-PAT-NO: 5510981

DOCUMENT-IDENTIFIER: US 5510981 A

TITLE: Language translation apparatus and method using context-based translation

models

DATE-ISSUED: April 23, 1996

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Berger; Adam L. New York NY Brown; Peter F. New York NY Della Pietra; Stephen A. Pearl River NY Della Pietra; Vincent J. Blauvelt NY Kehler; Andrew S. Somerville MA Mercer; Robert L. Yorktown Heights NY

US-CL-CURRENT: 704/2; 704/231, 704/257, 704/277, 704/9, 715/536

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 61. Document ID: US 5477451 A

L7: Entry 61 of 61

File: USPT

Dec 19, 1995

US-PAT-NO: 5477451

DOCUMENT-IDENTIFIER: US 5477451 A

** See image for Certificate of Correction **

TITLE: Method and system for natural language translation

DATE-ISSUED: December 19, 1995

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Brown; Peter F. New York NY Cocke; John Bedford NY Della Pietra; Stephen A. Pearl River NY Della Pietra; Vincent J. Blauvelt NY Jelinek; Frederick Briarcliff Manor NY Lai; Jennifer C. Garrison NY Mercer; Robert L. Yorktown Heights NY

US-CL-CURRENT: <u>704/9</u>; <u>704/2</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

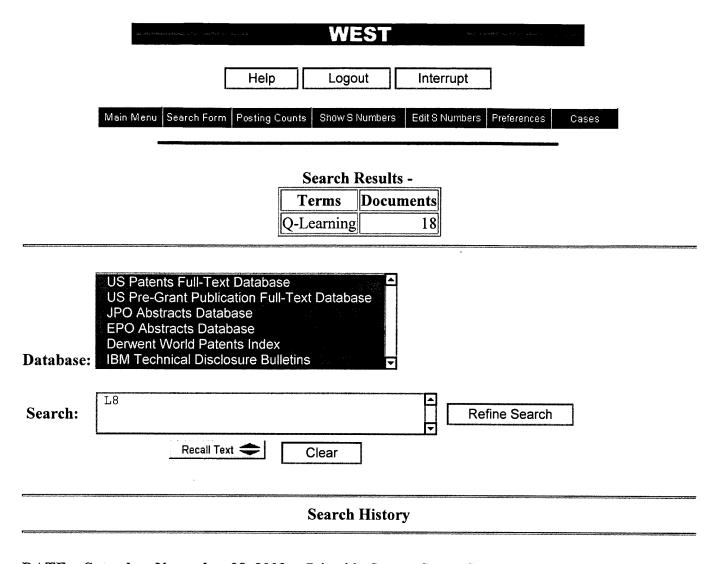
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<u>L7</u>	states and actions and risk and dynamic adj programming	61	<u></u> <u>L7</u>
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END OF SEARCH HISTORY

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☐ 1. Document ID: US 20030204368 A1

L8: Entry 1 of 18

File: PGPB

Oct 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030204368

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030204368 A1

TITLE: Adaptive sequential detection network

PUBLICATION-DATE: October 30, 2003

INVENTOR-INFORMATION:

NAME CITY

STATE COUNTRY RULE-47

Ertin, Emre Priddy, Kevin L.

Lewis Center Dayton

OH US

OH US

US-CL-CURRENT: 702/179

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw Desc Image

☐ 2. Document ID: US 20030145111 A1

L8: Entry 2 of 18

File: PGPB

Jul 31, 2003

PGPUB-DOCUMENT-NUMBER: 20030145111

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030145111 A1

TITLE: Adaptive routing process by deflection with training by reinforcement

PUBLICATION-DATE: July 31, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Derou-Madeline, Dominique Yquelon FR Herault, Laurent Claix FR

US-CL-CURRENT: 709/244; 709/238

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMIC Draw Desc Image

☐ 3. Document ID: US 20030074338 A1

L8: Entry 3 of 18 File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030074338

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030074338 A1

TITLE: Control system and technique employing reinforcement learning having

stability and learning phases

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Young, Peter M. Fort Collins CO US Anderson, Charles Fort Collins CO US Hittle, Douglas C. Fort Collins CO US Kretchmar, Matthew Newark OH US

US-CL-CURRENT: 706/15; 706/23

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

4. Document ID: US 20020198854 A1

L8: Entry 4 of 18 File: PGPB Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020198854

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020198854 A1

TITLE: Convergent actor critic-based fuzzy reinforcement learning apparatus and

method

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Berenji, Hamid R. Sunnyvale CA US Vengrov, David Sunnyvale CA US

US-CL-CURRENT: 706/12; 706/900

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWMC | Drawx Desc | Image |

☐ 5. Document ID: US 20020062156 A1

L8: Entry 5 of 18 File: PGPB May 23, 2002

PGPUB-DOCUMENT-NUMBER: 20020062156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020062156 A1

TITLE: Problem solver

PUBLICATION-DATE: May 23, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Yamakawa, Hiroshi Kawasaki JP Okada, Hiroyuki Kawasaki JP Baba, Takayuki Kawasaki JP

US-CL-CURRENT: 700/13; 700/30, 701/213, 702/150

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 6. Document ID: US 20010032029 A1

L8: Entry 6 of 18 File: PGPB Oct 18, 2001

PGPUB-DOCUMENT-NUMBER: 20010032029

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010032029 A1

TITLE: System and method for infrastructure design

PUBLICATION-DATE: October 18, 2001

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Kauffman, Stuart Santa Fe NM US

US-CL-CURRENT: 700/99; 700/105, 700/106, 700/97, 705/7

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 7. Document ID: US 6633858 B2

L8: Entry 7 of 18 File: USPT Oct 14, 2003

US-PAT-NO: 6633858

DOCUMENT-IDENTIFIER: US 6633858 B2

TITLE: Problem solver uses learning a cognitive distance to attain a goal state

DATE-ISSUED: October 14, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Yamakawa; Hiroshi Kawasaki Jp Okada; Hiroyuki Kawasaki Jp Baba; Takayuki Kawasaki Jp

US-CL-CURRENT: 706/16; 700/254, 706/25

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC Draw Desc Image

☐ 8. Document ID: US 6581048 B1

L8: Entry 8 of 18 File: USPT Jun 17, 2003

US-PAT-NO: 6581048

DOCUMENT-IDENTIFIER: US 6581048 B1

TITLE: 3-brain architecture for an intelligent decision and control system

DATE-ISSUED: June 17, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Werbos; Paul J. Arlington VA 22202

US-CL-CURRENT: 706/23; 250/369, 706/16

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWMC Draw Desc Image

☐ 9. Document ID: US 6532454 B1

L8: Entry 9 of 18 File: USPT Mar 11, 2003

US-PAT-NO: 6532454

DOCUMENT-IDENTIFIER: US 6532454 B1

TITLE: Stable adaptive control using critic designs

DATE-ISSUED: March 11, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Werbos; Paul J. Arlington VA 22203

US-CL-CURRENT: 706/14; 706/21, 706/23

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 10. Document ID: US 6513022 B1

L8: Entry 10 of 18 File: USPT Jan 28, 2003

US-PAT-NO: 6513022

DOCUMENT-IDENTIFIER: US 6513022 B1

TITLE: Dynamic programming network

DATE-ISSUED: January 28, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Morgan; James S. Centerville OH

US-CL-CURRENT: 706/16; 706/12, 706/19, 706/25

Full Title Citation Front Review Classification Date Reference Sequences Attachments KNMC Draws Desc Image

☐ 11. Document ID: US 6473851 B1

L8: Entry 11 of 18

File: USPT

Oct 29, 2002

US-PAT-NO: 6473851

DOCUMENT-IDENTIFIER: US 6473851 B1

TITLE: System for combining plurality of input control policies to provide a

compositional output control policy

DATE-ISSUED: October 29, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Plutowski; Mark E Santa Cruz CA 95065-9621

US-CL-CURRENT: <u>713/1</u>; <u>706/1</u>, <u>706/15</u>, <u>706/47</u>, 706/5

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw

KWMC Draw Desc Image

☐ 12. Document ID: US 6353814 B1

L8: Entry 12 of 18

File: USPT

Mar 5, 2002

US-PAT-NO: 6353814

DOCUMENT-IDENTIFIER: US 6353814 B1

** See image for Certificate of Correction **

TITLE: Developmental learning machine and method

DATE-ISSUED: March 5, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Weng; Juyang Okemos MI

US-CL-CURRENT: 706/12; 700/258

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw, Desc Image

☐ 13. Document ID: US 6192354 B1

L8: Entry 13 of 18

File: USPT

Feb 20, 2001

US-PAT-NO: 6192354

DOCUMENT-IDENTIFIER: US 6192354 B1

TITLE: Apparatus and method for optimizing the performance of computer tasks using

multiple intelligent agents having varied degrees of domain knowledge

DATE-ISSUED: February 20, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Bigus; Joseph Phillip Rochester MN Cragun; Brian John Rochester MN Delp; Helen Roxlo Rochester MN

US-CL-CURRENT: 706/46; 706/10, 706/16

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

☐ 14. Document ID: US 6169981 B1

L8: Entry 14 of 18 File: USPT Jan 2, 2001

US-PAT-NO: 6169981

DOCUMENT-IDENTIFIER: US 6169981 B1

TITLE: 3-brain architecture for an intelligent decision and control system

DATE-ISSUED: January 2, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Werbos; Paul J. College Park MD 20740-2403

US-CL-CURRENT: 706/23; 706/15, 706/16, 706/26, 706/27

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 15. Document ID: US 5946673 A

L8: Entry 15 of 18 File: USPT Aug 31, 1999

US-PAT-NO: 5946673

DOCUMENT-IDENTIFIER: US 5946673 A

TITLE: Computer implemented machine learning and control system

DATE-ISSUED: August 31, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Francone; Frank D. Los Angeles CA 90029

Nordin; Peter S-411 05 Gothenburg SE Banzhaf; Wolfgang Castrop-Rauxel DE

US-CL-CURRENT: 706/13; 700/246, 701/301

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

☐ 16. Document ID: US 5608843 A

L8: Entry 16 of 18 File: USPT Mar 4, 1997

US-PAT-NO: 5608843

DOCUMENT-IDENTIFIER: US 5608843 A

TITLE: Learning controller with advantage updating algorithm

DATE-ISSUED: March 4, 1997

INVENTOR-INFORMATION:

NAME. CITY STATE ZIP CODE COUNTRY

Baird, III; Leemon C. Colorado Springs CO

US-CL-CURRENT: 706/25; 706/23

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

17. Document ID: JP 2003182854 A

L8: Entry 17 of 18

File: DWPI

Jul 3, 2003

DERWENT-ACC-NO: 2003-549533

DERWENT-WEEK: 200352

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TITLE: Container terminal operation optimization system for loading container in ship, determines container movement procedure from yard and buffer arrangement data using set learning procedure

PRIORITY-DATA: 2001JP-0388533 (December 20, 2001)

PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE PAGES MAIN-IPC JP 2003182854 A July 3, 2003 013 B65G063/00

INT-CL (IPC): $B65 \subseteq 63/00$; $G06 \ne 17/10$

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc | Clip Img | Image |

18. Document ID: JP 2002525763 W WO 200017811 A2 EP 1116172 A2

L8: Entry 18 of 18

File: DWPI

Aug 13, 2002

DERWENT-ACC-NO: 2000-283700

DERWENT-WEEK: 200267

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TITLE: Process for determining series of actions for system - determines series of action w.r.t. pre-set optimisation function having variable parameter used to adjust

risk

INVENTOR: MIHATSCH, O; NEUNEIER, R

PRIORITY-DATA: 1998DE-1043620 (September 23, 1998)

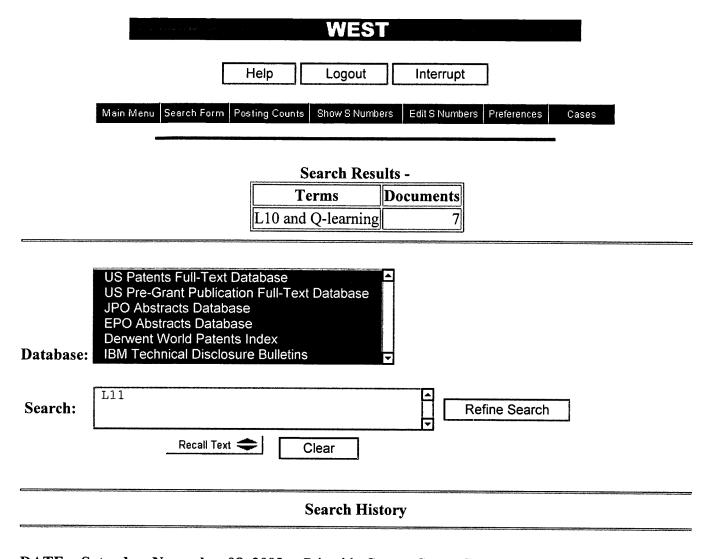
PATENT-FAMILY:

PUB-NO PUB-DATE LANGUAGE **PAGES** MAIN-IPC JP 2002525763 W August 13, 2002 042 G06N003/00 WO 200017811 A2 March 30, 2000 G 038 G06K017/60 EP 1116172 A2 July 18, 2001 G 000 G06K017/00 $\texttt{INT-CL (IPC): } \underline{\texttt{G06}} \ \underline{\texttt{K}} \ \underline{\texttt{17/00}}; \ \underline{\texttt{G06}} \ \underline{\texttt{K}} \ \underline{\texttt{17/60}}; \ \underline{\texttt{G06}} \ \underline{\texttt{N}} \ \underline{\texttt{3/00}}; \ \underline{\texttt{G08}} \ \underline{\texttt{G}} \ \underline{\texttt{1/09}}; \ \underline{\texttt{H04}} \ \underline{\texttt{L}} \ \underline{\texttt{12/56}}$

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tet Name Query ide by side			Set Name result set
DB=US	SPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=OR		
<u>L11</u>	L10 and Q-learning	7	<u>L11</u>
<u>L10</u>	L9 and markov	24	<u>L10</u>
<u>L9</u>	"reinforcement learning"	187	<u>L9</u>
<u>L8</u>	Q-Learning	18	<u>L8</u>
<u>L7</u>	states and actions and risk and dynamic adj programming	61	<u>L7</u>
<u>L6</u>	L1 and states and actions and risk and dynamic	2	<u>L6</u>
<u>L5</u>	L4 and facilitat\$5 and conception	22	<u>L5</u>
<u>L4</u>	((434/323 434/324 434/325 434/326 434/327 434/328 434/329 434/330 434/331 434/332 434/333 434/334 434/335 434/336 434/337 434/338 434/339 434/340 434/341 434/342 434/343 434/344 434/345 434/346 434/347 434/348 434/349 434/350 434/351 434/352 434/353 434/354 434/355 434/356 434/357 434/358 434/359 434/360 434/361 434/362 434/363 434/364 434/365 434/366 434/367 434/368 434/369 434/370 434/371 434/372 434/373 434/374 434/375 434/376 434/377 434/378 434/379 434/380 434/381 434/382 434/383 434/384 434/385 434/386 434/387 434/388 434/389 434/390 434/391 434/392 434/393 434/394 434/395 434/396 434/397 434/398 434/399 434/400 434/401 434/402 434/403 434/404 434/405 434/406 434/407 434/408 434/409 434/410 434/411 434/412 434/413 434/414 434/415 434/416 434/417 434/418 434/419 434/420 434/421 434/422 434/423 434/424 434/425 434/426 434/427 434/428 434/429 434/430 434/431 434/432 434/433)!.CCLS.)	5840	<u>L4</u>
<u>L3</u>	L2 and conception	2	<u>L3</u>
<u>L2</u>	L1 and facilitat\$5	47	<u>L2</u>
<u>L1</u>	((706/12)!.CCLS.)	171	<u>L1</u>

END OF SEARCH HISTORY

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Generate Collection

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Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 20020198854 A1

L11: Entry 1 of 7

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020198854

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020198854 A1

TITLE: Convergent actor critic-based fuzzy reinforcement learning apparatus and

method

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Berenji, Hamid R. Sunnyvale CA US Vengrov, David Sunnyvale CA US

US-CL-CURRENT: <u>706/12</u>; <u>706/900</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Desc Image

☐ 2. Document ID: US 6581048 B1

L11: Entry 2 of 7

File: USPT

Jun 17, 2003

US-PAT-NO: 6581048

DOCUMENT-IDENTIFIER: US 6581048 B1

TITLE: 3-brain architecture for an intelligent decision and control system

DATE-ISSUED: June 17, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Werbos; Paul J. Arlington VA 22202

US-CL-CURRENT: <u>706/23</u>; <u>250/369</u>, <u>706/16</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMIC Draw Desc Image

☐ 3. Document ID: US 6513022 B1

L11: Entry 3 of 7 File: USPT Jan 28, 2003

US-PAT-NO: 6513022

DOCUMENT-IDENTIFIER: US 6513022 B1

TITLE: Dynamic programming network

DATE-ISSUED: January 28, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Morgan; James S. Centerville OH

US-CL-CURRENT: 706/16; 706/12, 706/19, 706/25

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMIC Draw Desc Image

☐ 4. Document ID: US 6353814 B1

L11: Entry 4 of 7 File: USPT Mar 5, 2002

US-PAT-NO: 6353814

DOCUMENT-IDENTIFIER: US 6353814 B1

** See image for Certificate of Correction **

TITLE: Developmental learning machine and method

DATE-ISSUED: March 5, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Weng; Juyang Okemos MI

US-CL-CURRENT: 706/12; 700/258

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 5. Document ID: US 6169981 B1

L11: Entry 5 of 7 File: USPT Jan 2, 2001

US-PAT-NO: 6169981

DOCUMENT-IDENTIFIER: US 6169981 B1

TITLE: 3-brain architecture for an intelligent decision and control system

DATE-ISSUED: January 2, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Werbos; Paul J. College Park MD 20740-2403

US-CL-CURRENT: 706/23; 706/15, 706/16, 706/26, 706/27

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 6. Document ID: US 5946673 A

L11: Entry 6 of 7

File: USPT

Aug 31, 1999

US-PAT-NO: 5946673

DOCUMENT-IDENTIFIER: US 5946673 A

TITLE: Computer implemented machine learning and control system

DATE-ISSUED: August 31, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Francone; Frank D. Los Angeles CA 90029

Nordin; Peter S-411 05 Gothenburg SE
Banzhaf; Wolfgang Castrop-Rauxel DE

US-CL-CURRENT: 706/13; 700/246, 701/301

Full Title Citation Front Review Classification Date Reference Sequences Attachments KVIIC Draw Desc Image

☐ 7. Document ID: US 5608843 A

L11: Entry 7 of 7 File: USPT

Mar 4, 1997

US-PAT-NO: 5608843

DOCUMENT-IDENTIFIER: US 5608843 A

TITLE: Learning controller with advantage updating algorithm

DATE-ISSUED: March 4, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Baird, III; Leemon C. Colorado Springs CO

US-CL-CURRENT: 706/25; 706/23

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

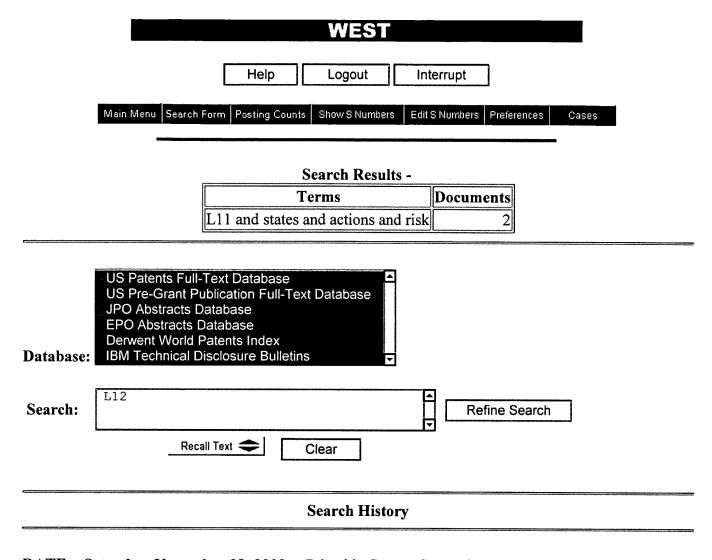
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Display Format: - Change Format

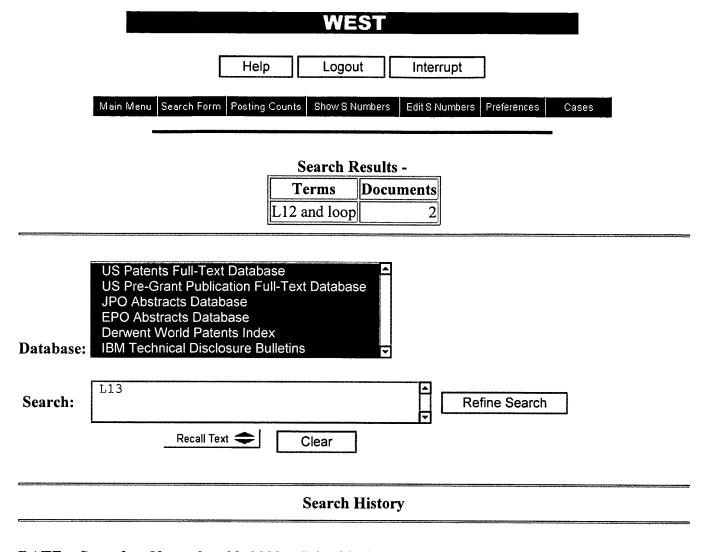
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DATE: Saturday, November 08, 2003 Printable Copy Create Case

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<u>L12</u>	L11 and states and actions and risk	2	<u>L12</u>
<u>L11</u>	L10 and Q-learning	7	<u>L11</u>
<u>L10</u>	L9 and markov	24	<u>L10</u>
<u>L9</u>	"reinforcement learning"	187	<u>L9</u>
<u>L8</u>	Q-Learning	18	<u>L8</u>
<u>L7</u>	states and actions and risk and dynamic adj programming	61	<u>L7</u>
<u>L6</u>	L1 and states and actions and risk and dynamic	2	<u>L6</u>
<u>L5</u>	L4 and facilitat\$5 and conception	22	<u>L5</u>
<u>L4</u>	((434/323 434/324 434/325 434/326 434/327 434/328 434/329 434/330 434/331 434/332 434/333 434/334 434/335 434/336 434/337 434/338 434/339 434/340 434/341 434/342 434/343 434/344 434/345 434/346 434/347 434/348 434/349 434/350 434/351 434/352 434/353 434/354 434/355 434/366 434/357 434/358 434/359 434/360 434/361 434/362 434/363 434/364 434/365 434/366 434/367 434/368 434/369 434/370 434/371 434/372 434/373 434/374 434/375 434/376 434/377 434/378 434/379 434/380 434/381 434/382 434/383 434/384 434/385 434/386 434/387 434/388 434/389 434/390 434/391 434/392 434/393 434/394 434/395 434/396 434/397 434/398 434/399 434/400 434/401 434/402 434/403 434/404 434/405 434/406 434/407 434/408 434/409 434/410 434/411 434/412 434/413 434/414 434/415 434/416 434/417 434/418 434/419 434/420 434/421 434/422 434/423 434/424 434/425 434/426 434/427 434/428 434/429 434/430 434/431 434/432 434/433)1.CCLS.)	5840	<u>L4</u>
<u>L3</u>	L2 and conception	2	<u>L3</u>
<u>L2</u>	L1 and facilitat\$5	47	<u>L2</u>
<u>L1</u>	((706/12)!.CCLS.)	171	<u>L1</u>

END OF SEARCH HISTORY



DATE: Saturday, November 08, 2003 Printable Copy Create Case

et Name de by side		Hit Count	Set Name result set
DB=US	PT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=OR		
<u>L13</u>	L12 and loop	2	<u>L13</u>
<u>L12</u>	L11 and states and actions and risk	2	<u>L12</u>
<u>L11</u>	L10 and Q-learning	7	<u>L11</u>
<u>L10</u>	L9 and markov	24	<u>L10</u>
<u>L9</u>	"reinforcement learning"	187	<u>L9</u>
<u>L8</u>	Q-Learning	18	<u>L8</u>
<u>L7</u>	states and actions and risk and dynamic adj programming	61	<u>L7</u>
<u>L6</u>	L1 and states and actions and risk and dynamic	2	<u>L6</u>
<u>L5</u>	L4 and facilitat\$5 and conception	22	<u>L5</u>
<u>L4</u>	((434/323 434/324 434/325 434/326 434/327 434/328 434/329 434/330 434/331 434/332 434/333 434/334 434/335 434/336 434/337 434/338 434/339 434/340 434/341 434/342 434/343 434/351 434/352 434/353 434/354 434/355 434/366 434/357 434/358 434/359 434/360 434/361 434/362 434/363 434/364 434/372 434/366 434/367 434/368 434/369 434/370 434/371 434/372 434/373 434/374 434/375 434/376 434/377 434/378 434/379 434/380 434/381 434/382 434/383 434/384 434/385 434/386 434/387 434/388 434/389 434/390 434/391 434/392 434/393 434/394 434/395 434/396 434/397 434/398 434/399 434/400 434/401 434/402 434/403 434/404 434/405 434/406 434/407 434/408 434/409 434/410 434/411 434/412 434/413 434/414 434/415 434/416 434/417 434/418 434/419 434/420 434/421 434/422 434/423 434/424 434/425 434/433)1.CCLS.)	5840	<u>L4</u>
	L2 and conception	2	<u>L3</u>
_	L1 and facilitat\$5	47	<u>L2</u>
<u>L1</u>	((706/12)!.CCLS.)	171	<u>L1</u>

END OF SEARCH HISTORY

WEST

Generate Collection

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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 6581048 B1

L13: Entry 1 of 2

File: USPT

Jun 17, 2003

US-PAT-NO: 6581048

DOCUMENT-IDENTIFIER: US 6581048 B1

TITLE: 3-brain architecture for an intelligent decision and control system

DATE-ISSUED: June 17, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Werbos; Paul J.

Arlington

VA

22202

US-CL-CURRENT: 706/23; 250/369, 706/16

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw Desc Image

☐ 2. Document ID: US 6169981 B1

L13: Entry 2 of 2

File: USPT

Jan 2, 2001

US-PAT-NO: 6169981

DOCUMENT-IDENTIFIER: US 6169981 B1

TITLE: 3-brain architecture for an intelligent decision and control system

DATE-ISSUED: January 2, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Werbos; Paul J.

College Park

MD

20740-2403

US-CL-CURRENT: 706/23; 706/15, 706/16, 706/26, 706/27

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMIC Draw Desc Image

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Terms	Documents
L12 and loop	2

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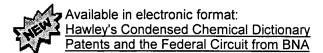
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NPL Services for Examiners



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STIC's mission is to connect examiners to critical prior art by providing information services and access to NPL electronic resources and print collections. A <u>STIC facility</u> is located in each Technology Center.

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TC2100: EIC Resources and Services





Saturday, November 8, 2003

These resources and services provide examiners with access to critical prior art. Most of the electronic resources listed on these Web pages are accessed via the Internet. You must be authenticated for data to be accessed. Firewall Authentication

indicates tools featured in TC's NPL training.

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(Multidisciplinary subject coverage)

Dialog Classic on the Web

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Special issue on ICML: Lyapunov design for safe reinforcement learning

100%

Theodore J. Perkins, Andrew G. Barto

The Journal of Machine Learning Research March 2003

Volume 3

Lyapunov design methods are used widely in control engineering to design controllers that achieve qualitative objectives, such as stabilizing a system or maintaining a system's state in a desired operating range. We propose a method for constructing safe, reliable reinforcement learning agents based on Lyapunov design principles. In our approach, an agent learns to control a system by switching among a number of given, base-level controllers. These controllers are designed using Lyapunov domain ...

2 Learning methods: Sequential cost-sensitive decision making with reinforcement learning

100%

Edwin Pednault, Naoki Abe, Bianca Zadrozny

Proceedings of the eighth ACM SIGKDD international conference on Knowledge discovery and data mining July 2002

Recently, there has been increasing interest in the issues of cost-sensitive learning and decision making in a variety of applications of data mining. A number of approaches have been developed that are effective at optimizing cost-sensitive decisions when each decision is considered in isolation. However, the issue of sequential decision making, with the goal of maximizing total benefits accrued over a period of time instead of immediate benefits, has rarely been addressed. In the present paper ...

Using background knowledge to speed reinforcement learning in physical agents

100%

Daniel Shapiro, Pat Langley, Ross Shachter

Proceedings of the fifth international conference on Autonomous agents May 2001 This paper describes Icarus, an agent architecture that embeds a hierarchical reinforcement learning algorithm within a language for specifying agent behavior. An Icarus program expresses an approximately correct theory about how to behave with options at varying levels of detail, while the Icarus agent determines the best options by learning from experience. We describe Icarus and its learning algorithm, then report on two experiments in a vehicle control domain. The first examines the ben ...

4 R-max - a general polynomial time algorithm for near-optimal reinforcement learning

100%

Ronen I. Brafman, Moshe Tennenholtz

The Journal of Machine Learning Research March 2003

Volume 3

R-MAX is a very simple model-based reinforcement learning algorithm which can attain near-optimal average reward in polynomial time. In R-MAX, the agent always maintains a complete, but possibly inaccurate model of its environment and acts based on the optimal policy derived from this model. The model is initialized in an optimistic fashion: all actions in all states return the maximal possible reward (hence the name). During execution, it is updated based on the agent's observations. R-MAX impr ...

5 & epsilon; -mdps: learning in varying environments

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István Szita, Bálint Takács, András Lörincz

The Journal of Machine Learning Research March 2003

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In this paper ε-MDP-models are introduced and convergence theorems are proven using the generalized MDP framework of Szepesvari and Littman. Using this model family, we show that Q-learning is capable of finding near-optimal policies in varying environments. The potential of this new family of MDP models is illustrated via a reinforcement learning algorithm called *event-learning* which separates the optimization of decision making from the controller. We show that event-learning au ...

6 Hierarchical multi-agent reinforcement learning

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Rajbala Makar, Sridhar Mahadevan, Mohammad Ghavamzadeh

Proceedings of the fifth international conference on Autonomous agents May 2001 In this paper we investigate the use of hierarchical reinforcement learning to speed up the acquisition of cooperative multi-agent tasks. We extend the MAXQ framework to the multi-agent case. Each agent uses the same MAXQ hierarchy to decompose a task into sub-tasks. Learning is decentralized, with each agent learning three interrelated skills: how to perform subtasks, which order to do them in, and how to coordinate with other agents. Coordination skills among agents are learned by using j ...

7 Session 3C: evolution, adaptation and learning I: A multiagent reinforcement learning

99%

algorithm using extended optimal response

Nobuo Suematsu, Akira Hayashi

Proceedings of the first international joint conference on Autonomous agents and multiagent systems: part 1 July 2002

Stochastic games provides a theoretical framework to multiagent reinforcement learning. Based on the framework, a multiagent reinforcement learning algorithm for zero-sum

stochastic games was proposed by Littman and it was extended to general-sum games by Hu and Wellman. Given a stochastic game, if all agents learn with their algorithm, we can expect that the policies of the agents converge to a Nash equilibrium. However, agents with their algorithm always try to converge to a Nash equilibrium i ...

8 Multi-agent reinforcement learning: Coordination in multiagent reinforcement learning: a

98%

A Bayesian approach

Georgios Chalkiadakis, Craig Boutilier

Proceedings of the second international joint conference on Autonomous agents and multiagent systems July 2003

Much emphasis in multiagent reinforcement learning (MARL) research is placed on ensuring that MARL algorithms (eventually) converge to desirable equilibria. As in standard reinforcement learning, convergence generally requires sufficient exploration of strategy space. However, exploration often comes at a price in the form of penalties or foregone opportunities. In multiagent settings, the problem is exacerbated by the need for agents to "coordinate" their policies on equilibria. We propose a Ba ...

9 Integrating POMDP and reinforcement learning for a two layer simulated robot architecture

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A Larry D. Pyeatt, Adele E. Howe

Proceedings of the third annual conference on Autonomous Agents April 1999

10 Special issue on COLT: Using confidence bounds for exploitation-exploration trade-offs

98%

Peter Auer

The Journal of Machine Learning Research March 2003

Volume 3

We show how a standard tool from statistics --- namely confidence bounds --- can be used to elegantly deal with situations which exhibit an exploitation-exploration trade-off. Our technique for designing and analyzing algorithms for such situations is general and can be applied when an algorithm has to make exploitation-versus-exploration decisions based on uncertain information provided by a random process. We apply our technique to two models with such an exploitation-exploration trade-off. Fo ...

11 On verifying game designs and playing strategies using reinforcement learning

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Dimitrios Kalles, Panagiotis Kanellopoulos

Proceedings of the 2001 ACM symposium on Applied computing March 2001

12 <u>Using reinforcement learning to introduce artificial intelligence in the CS curriculum</u>

97%

Scott M. Thede

The Journal of Computing in Small Colleges October 2002

Volume 18 Issue 1

There are many interesting topics in artificial intelligence that would be useful to stimulate student interest at various levels of the computer science curriculum. They can also be used to illustrate some basic concepts of computer science, such as arrays. One such topic is reinforcement learning - teaching a computer program how to play a game or traverse an environment using a system of rewards and punishments. There are reinforcement learning projects that can be used at all levels of the c ...

13 A reinforcement learning model of selective visual attention

97%

Silviu Minut, Sridhar Mahadevan

Proceedings of the fifth international conference on Autonomous agents May 2001 This paper proposes a model of selective attention for visual search tasks, based on a framework for sequential decision-making. The model is implemented using a fixed pan-tilt-zoom camera in a visually cluttered lab environment, which samples the environment at discrete time steps. The agent has to decide where to fixate next based purely on visual information, in order to reach the region where a target object is most likely to be found. The model consists of two interacting modules. A ...

14 A social reinforcement learning agent

97%

Proceedings of the fifth international conference on Autonomous agents May 2001
We report on our reinforcement learning work on Cobot, a software agent that resides in the well-known online chat community LambdaMOO. Our initial work on Cobot~\cite{cobotaaai} provided him with the ability to collect {\em social statistics\/} and report them to users in a reactive manner. Here we describe our application of reinforcement learning to allow Cobot to proactively take actions in this complex social environment, and adapt his behavior from multiple sources of human reward. A ...

15 Distributed reinforcement learning for a traffic engineering application

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Mark D. Pendrith

Proceedings of the fourth international conference on Autonomous agents June 2000

16 Integrated learning for interactive synthetic characters

97%

Bruce Blumberg, Marc Downie, Yuri Ivanov, Matt Berlin, Michael Patrick Johnson, Bill Tomlinson

ACM Transactions on Graphics (TOG), Proceedings of the 29th annual conference on Computer graphics and interactive techniques July 2002

Volume 21 Issue 3

The ability to learn is a potentially compelling and important quality for interactive synthetic characters. To that end, we describe a practical approach to real-time learning for synthetic characters. Our implementation is grounded in the techniques of reinforcement learning and informed by insights from animal training. It simplifies the learning task for characters by (a) enabling them to take advantage of predictable regularities in their world, (b) allowing them to make maximal use of any ...

17 Team-partitioned, opaque-transition reinforcement learning

97%

97%

Peter Stone, Manuela Veloso

Proceedings of the third annual conference on Autonomous Agents April 1999

18 Session 3C: evolution, adaptation and learning I: Learning sequences of actions in collectives

of autonomous agents

Kagan Tumer, Adrian K. Agogino, David H. Wolpert

Proceedings of the first international joint conference on Autonomous agents and multiagent systems: part 1 July 2002

In this paper we focus on the problem of designing a collective of autonomous agents that

individually learn sequences of actions such that the resultant sequence of joint actions achieves a predetermined global objective. Directly applying Reinforcement Learning (RL) concepts to multi-agent systems often proves problematic, as agents may work at cross-purposes, or have difficulty in evaluating their contribution to achievement of the global objective, or both. Accordingly, the crucial design st ...

19 Learning/self-organzation/argumentation: Automatic generation of an agent's basic behaviors

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d Olivier Buffet, Alain Dutech, François Charpillet

Proceedings of the second international joint conference on Autonomous agents and multiagent systems July 2003

The agent approach, as seen by [9], intends to design "intelligent" behaviors. Yet, Reinforcement Learning (RL) methods often fail when confronted with complex tasks. We are therefore trying to develop a methodology for the automated design of agents (in the framework of Markov Decision Processes) in the case where the global task can be decomposed into simpler -possibly concurrent- sub-tasks. Our main idea is to automatically combine basic behaviors using RL methods. This led us to propose two ...

20 Session 9C: evolution, adaptation, and learning II: Experience generalization for concurrent

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reinforcement learners: the minimax-QS algorithm

Carlos H. C. Ribeiro, Renê Pegoraro, Anna H. Reali Costa

Proceedings of the first international joint conference on Autonomous agents and multiagent systems: part 3 July 2002

This paper investigates the use of experience generalization on concurrent and on-line policy learning in multi-agent scenarios, using reinforcement learning algorithms. Agents learning concurrently implies in a non-stationary scenario, since the reward received by one agent (for applying an action in a state) depends on the behavior of the other agents. Non-stationary scenarios can be viewed as a two-player game in which an agent and the other *player* (which represents the other agents an ...

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Carlos H. C. Ribeiro, Renê Pegoraro, Anna H. Reali Costa

Proceedings of the first international joint conference on Autonomous agents and multiagent systems: part 3 July 2002

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2 Session 6C: mobile embodied agents: A multiagent reinforcement learning algorithm by

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dynamically merging markov decision processes

Mohammad Ghavamzadeh, Sridhar Mahadevan

Proceedings of the first international joint conference on Autonomous agents and multiagent systems: part 2 July 2002

One general strategy for accelerating the learning of cooperative multiagent problems is to reuse good or optimal solutions to the task when each agent is acting alone. In this paper, we formalize this approach as dynamically merging solutions to multiple Markov decision processes (MDPs), each representing an individual agent's solution when acting alone, to obtain solutions to the overall multiagent MDP when all the agents act together. We present a new learning algorithm called MAPLE (MultiAge ...

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Malcolm J. A. Strens, Andrew W. Moore

The Journal of Machine Learning Research March 2003 Volume 3

Direct policy search is a practical way to solve reinforcement learning (RL) problems involving continuous state and action spaces. The goal becomes finding policy parameters that maximize a noisy objective function. The Pegasus method converts this stochastic optimization problem into a deterministic one, by using fixed start states and fixed random number sequences for comparing policies (Ng and Jordan, 2000). We evaluate Pegasus, and new paired comparison methods, using the mountain car probl ...

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We consider a finite-state Markov decision problem and establish the convergence of a special case of optimistic policy iteration that involves Monte Carlo estimation of Q-values, in conjunction with greedy policy selection. We provide convergence results for a number of algorithmic variations, including one that involves temporal difference learning (bootstrapping) instead of Monte Carlo estimation. We also indicate some extensions that either fail or are unlikely to go through.

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We present a new, model-free reinforcement learning algorithm for learning to control partially-observable Markov decision processes. The algorithm incorporates ideas from action-value based reinforcement learning approaches, such as Q-Learning, as well as ideas from the stochastic optimization literature. Key to our approach is a new definition of action value, which makes the algorithm theoretically sound for partially-observable settings. We

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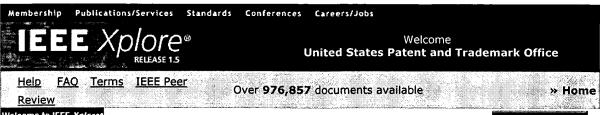
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Learning Systems for Control (Ref. No. 2000/069), IEE Seminar, 26

May 2000

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[Abstract] [PDF Full-Text (228 KB)] **IEE CNF**

3 Multi-agent learning for control of Internet traffic routing

Tillotson, P.R.J.; Wu, Q.H.; Hughes, P.M.;

Learning Systems for Control (Ref. No. 2000/069), IEE Seminar , 26 May 2000

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[Abstract] [PDF Full-Text (452 KB)] IEE CNF

4 Reinforcement learning for fuzzy logic control of large scale

power systems

Chan, K.H.; Jiang, L.; Tillotson, P.R.J.; Wu, Q.H.; Learning Systems for Control (Ref. No. 2000/069), IEE Seminar , 26 May 2000

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[Abstract] [PDF Full-Text (340 KB)] IEE CNF

5 Using reinforcement learning for engine control

Schoknecht, R.; Riedmiller, M.; Artificial Neural Networks, 1999. ICANN 99. Ninth International Conference on (Conf. Publ. No. 470), Volume: 1, 7-10 Sept. 1999 Page(s): 329 -334 vol.1

[Abstract] [PDF Full-Text (460 KB)] IEE CNF

6 Vicarious learning in mobile neurally controlled agents: the V-MAXSON architecture

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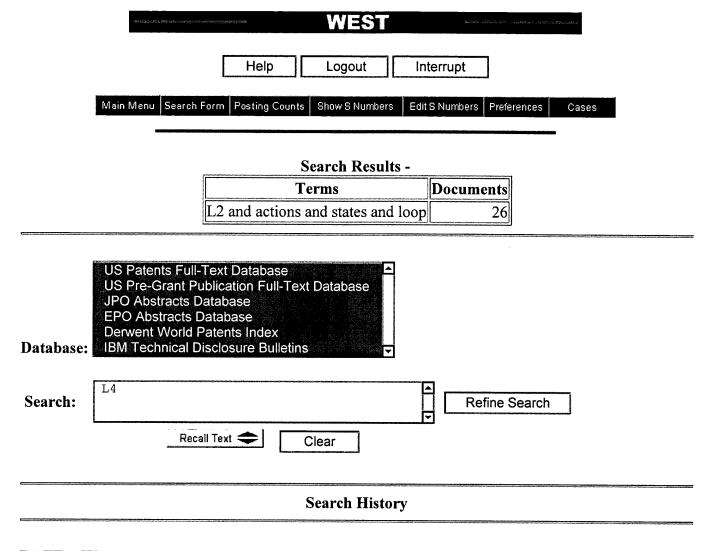
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PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

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Petrushin, Valery A.

Arlington Heights

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PUBLICATION-DATE: January 30, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

ST. JOHN, VICKI

BOULDER CREEK

CA

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TITLE: APPARATUS, METHOD AND COMPUTER READABLE MEMORY MEDIUM FOR SPEECH RECOGNITON USING DYNAMIC PROGRAMMING

PUBLICATION-DATE: March 14, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

TZIRKEL-HANCOCK, ELI SURREY GB KEILLER, ROBERT ALEXANDER SURREY GB

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PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

PERTRUSHIN, VALERY A. ARLINGTON HEIGHTS IL US

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TITLE: SYSTEM AND METHOD FOR A TELEPHONIC EMOTION DETECTION THAT PROVIDES OPERATOR

FEEDBACK

PUBLICATION-DATE: January 3, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

PETRUSHIN, VALERY A. ARLINGTON HEIGHTS IL US

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PUBLICATION-DATE: January 3, 2002

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DOCUMENT-IDENTIFIER: US 20010056349 A1

TITLE: 69VOICE AUTHENTICATION SYSTEM AND METHOD FOR REGULATING BORDER CROSSING

PUBLICATION-DATE: December 27, 2001

INVENTOR-INFORMATION:

NAME

CITY

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ST. JOHN, VICKI

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Oct 28, 2003

US-PAT-NO: 6640145

DOCUMENT-IDENTIFIER: US 6640145 B2

TITLE: Media recording device with packet data interface

DATE-ISSUED: October 28, 2003

NAME CITY STATE ZIP CODE COUNTRY

Hoffberg; Steven West Harrison NY 10604 Hoffberg-Borghesani; Linda Acton MA 01720

US-CL-CURRENT: 700/83; 700/17, 700/19, 700/23, 704/200, 704/201, 704/7, 709/200, 709/201, 709/202

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DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Skaaning; Claus Dronninglund DK Jensen; Finn V. Broenderslev DK Kj.ae butted.rulff; Uffe Aalborg DK Pelletier; Paul A. Boise ID Aalborg Jensen; Lasse Rostrup DK Parker; Marilyn A. Boise TD Boborad; Janice L. Allerfd DK

US-CL-CURRENT: 706/52; 370/389, 704/270

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWC Draw Desc Image

☐ 10. Document ID: US 6275806 B1

L4: Entry 10 of 26

File: USPT

Aug 14, 2001

US-PAT-NO: 6275806

DOCUMENT-IDENTIFIER: US 6275806 B1

TITLE: System method and article of manufacture for detecting emotion in voice

signals by utilizing statistics for voice signal parameters

DATE-ISSUED: August 14, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Pertrushin; Valery A. Arlington Heights IL

US-CL-CURRENT: 704/272; 704/270

Full Title Citation Front Review Classification Date Reference Sequences Attachments K

KWMC | Draw Desc | Image |

☐ 11. Document ID: US 6151571 A

L4: Entry 11 of 26

File: USPT

Nov 21, 2000

US-PAT-NO: 6151571

DOCUMENT-IDENTIFIER: US 6151571 A

TITLE: System, method and article of manufacture for detecting emotion in voice

signals through analysis of a plurality of voice signal parameters

DATE-ISSUED: November 21, 2000

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE CO

ZIP CODE

COUNTRY

Pertrushin; Valery A.

Arlington Heights

 $_{
m IL}$

US-CL-CURRENT: 704/209; 704/207, 704/270

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 12. Document ID: US 6101468 A

L4: Entry 12 of 26

File: USPT

Aug 8, 2000

COUNTRY

US-PAT-NO: 6101468

DOCUMENT-IDENTIFIER: US 6101468 A

TITLE: Apparatuses and methods for training and operating speech recognition systems

DATE-ISSUED: August 8, 2000

INVENTOR-INFORMATION:

NAME CITY STATE Gould; Joel M. Winchester MA Steele; Elizabeth E. Cambridge MA McGrath; Frank J. Wellesley MA Squires; Steven D. Sudbury MA Heitman; Peter S. Milton MA Parke; Joel W. Marlboro MA Sturtevant; Dean G. Watertown MA Roberts; Jed M. Newton MA Baker; James K. West Newton MA

US-CL-CURRENT: <u>704/251</u>; <u>704/255</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 13. Document ID: US 6092043 A

L4: Entry 13 of 26

File: USPT

Jul 18, 2000

US-PAT-NO: 6092043

DOCUMENT-IDENTIFIER: US 6092043 A

TITLE: Apparatuses and method for training and operating speech recognition systems

DATE-ISSUED: July 18, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Squires; Steven D. Sudbury MA
McGrath; Frank J. Wellesley MA
Heitman; Peter S. Milton MA
Parke; Joel W. Marlboro MA

US-CL-CURRENT: 704/251; 704/255, 704/270

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWC Draw Desc Image

☐ 14. Document ID: US 6073097 A

L4: Entry 14 of 26

File: USPT Jun 6, 2000

US-PAT-NO: 6073097

DOCUMENT-IDENTIFIER: US 6073097 A

TITLE: Speech recognition system which selects one of a plurality of vocabulary

models

DATE-ISSUED: June 6, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Gould; Joel M. Winchester MA
Roberts; Jed M. Newton MA
Baker; James K. West Newton MA

US-CL-CURRENT: 704/251; 704/240, 704/255, 704/257

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 15. Document ID: US 5983179 A

L4: Entry 15 of 26 File: USPT Nov 9, 1999

US-PAT-NO: 5983179

DOCUMENT-IDENTIFIER: US 5983179 A

TITLE: Speech recognition system which turns its voice response on for confirmation

when it has been turned off without confirmation

DATE-ISSUED: November 9, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Gould; Joel M. Winchester MA

US-CL-CURRENT: 704/270.1; 704/275

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWMC | Drawl Desc | Image |

☐ 16. Document ID: US 5960395 A

L4: Entry 16 of 26

File: USPT

Sep 28, 1999

US-PAT-NO: 5960395

DOCUMENT-IDENTIFIER: US 5960395 A

** See image for Certificate of Correction **

TITLE: Pattern matching method, apparatus and computer readable memory medium for

speech recognition using dynamic programming

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Tzirkel-Hancock; Eli

Guildford

GB

US-CL-CURRENT: 704/241; 704/257

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWC Draw Desc Image

☐ 17. Document ID: US 5960394 A

L4: Entry 17 of 26

File: USPT

Sep 28, 1999

US-PAT-NO: 5960394

DOCUMENT-IDENTIFIER: US 5960394 A

TITLE: Method of speech command recognition with dynamic assignment of probabilities

according to the state of the controlled applications

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Gould; Joel M. Winchester MA
Steele; Elizabeth E. Cambridge MA
McGrath; Frank J. Wellesley MA
Squires; Steven D. Sudbury MA
Parke; Joel W. Marlboro MA

US-CL-CURRENT: 704/270.1; 704/231, 704/255, 704/275

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 18. Document ID: US 5920837 A

L4: Entry 18 of 26

File: USPT

Jul 6, 1999

US-PAT-NO: 5920837

DOCUMENT-IDENTIFIER: US 5920837 A

TITLE: Word recognition system which stores two models for some words and allows

selective deletion of one such model

DATE-ISSUED: July 6, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

ZIP CODE

COUNTRY

Gould; Joel M.

Winchester

MA

McGrath; Frank J. Roberts; Jed M.

Wellesley Newton MA MA

US-CL-CURRENT: 704/251; 704/275

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 19. Document ID: US 5920836 A

L4: Entry 19 of 26

File: USPT

Jul 6, 1999

US-PAT-NO: 5920836

DOCUMENT-IDENTIFIER: US 5920836 A

TITLE: Word recognition system using language context at current cursor position to

affect recognition probabilities

DATE-ISSUED: July 6, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Gould; Joel M.

McGrath; Frank J.

Winchester Wellesley MA MA

US-CL-CURRENT: 704/251; 704/240, 704/243, 704/255, 704/257

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 20. Document ID: US 5915236 A

L4: Entry 20 of 26

File: USPT

Jun 22, 1999

US-PAT-NO: 5915236

DOCUMENT-IDENTIFIER: US 5915236 A

TITLE: Word recognition system which alters code executed as a function of available

computational resources

DATE-ISSUED: June 22, 1999

NAME CITY STATE ZIP CODE COUNTRY

Gould; Joel M. Winchester MA
McGrath; Frank J. Wellesley MA
Parke; Joel W. Marlboro MA
Sturtevant; Dean G. Watertown MA
Roberts; Jed M. Newton MA

US-CL-CURRENT: 704/251; 704/240, 704/255, 704/257

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC Draw Desc Image

☐ 21. Document ID: US 5909666 A

L4: Entry 21 of 26

File: USPT

Jun 1, 1999

US-PAT-NO: 5909666

DOCUMENT-IDENTIFIER: US 5909666 A

TITLE: Speech recognition system which creates acoustic models by concatenating

acoustic models of individual words

DATE-ISSUED: June 1, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Gould; Joel M. Winchester MA
McGrath; Frank J. Wellesley MA
Squires; Steven D. Sudbury MA
Parke; Joel W. Marlboro MA
Roberts; Jed M. Newton MA

US-CL-CURRENT: <u>704/251</u>; <u>704/231</u>, <u>704/255</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWC Draw Desc Image

☐ 22. Document ID: US 5850627 A

L4: Entry 22 of 26

File: USPT

Dec 15, 1998

US-PAT-NO: 5850627

DOCUMENT-IDENTIFIER: US 5850627 A

TITLE: Apparatuses and methods for training and operating speech recognition systems

DATE-ISSUED: December 15, 1998

NAME CITY STATE ZIP CODE COUNTRY Gould; Joel M. Winchester MA Steele; Elizabeth E. Cambridge MA McGrath; Frank J. Wellesley MA Squires; Steven D. Sudbury MA Heitman; Peter S. Milton MA Parke; Joel W. Marlboro MA Sturtevant; Dean G. Watertown MA Roberts; Jed M. Newton MA Baker; James K. West Newton MA

US-CL-CURRENT: 704/231; 704/255, 704/256

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 23. Document ID: US 5768603 A

L4: Entry 23 of 26

File: USPT

Jun 16, 1998

US-PAT-NO: 5768603

DOCUMENT-IDENTIFIER: US 5768603 A

TITLE: Method and system for natural language translation

DATE-ISSUED: June 16, 1998

INVENTOR-INFORMATION:

NAME
CITY
STATE ZIP CODE COUNTRY
Brown; Peter Fitzhugh
New York
NY
Cocke; John
Bedford
NY
Della Pietra; Stephen Andrew
Pearl River
NY
Della Pietra; Vincent Joseph
Rlauvelt

Della Pietra; Vincent Joseph

Blauvelt

NY

Jelinek; Frederick

Briarcliff Manor

NY

Lai; Jennifer Ceil

Mercer; Robert Leroy

Yorktown Heights

NY

US-CL-CURRENT: 704/9; 704/232, 704/239, 704/256, 704/277, 704/7

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KMIC | Draw Desc | Image |

☐ 24. Document ID: US 5581655 A

L4: Entry 24 of 26 File: USPT Dec 3, 1996

US-PAT-NO: 5581655

DOCUMENT-IDENTIFIER: US 5581655 A

TITLE: Method for recognizing speech using linguistically-motivated hidden Markov

models

DATE-ISSUED: December 3, 1996

NAME CITY STATE ZIP CODE COUNTRY

Cohen; Michael H. East Palo Alto CA
Weintraub; Mitchel Fremont CA
Price; Patti J. Palo Alto CA
Murveit; Hy Redwood City CA
Bernstein; Jared C. Menlo Park CA

US-CL-CURRENT: 704/245; 704/256

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 25. Document ID: US 5510981 A

L4: Entry 25 of 26

File: USPT

Apr 23, 1996

US-PAT-NO: 5510981

DOCUMENT-IDENTIFIER: US 5510981 A

TITLE: Language translation apparatus and method using context-based translation

models

DATE-ISSUED: April 23, 1996

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Berger; Adam L. New York NY Brown; Peter F. New York NY Della Pietra; Stephen A. Pearl River NY Blauvelt Della Pietra; Vincent J. NY Kehler; Andrew S. Somerville MΑ Mercer; Robert L. Yorktown Heights

US-CL-CURRENT: 704/2; 704/231, 704/257, 704/277, 704/9, 715/536

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KWC | Draw Desc | Image

☐ 26. Document ID: US 5268990 A

L4: Entry 26 of 26

File: USPT

Dec 7, 1993

US-PAT-NO: 5268990

DOCUMENT-IDENTIFIER: US 5268990 A

TITLE: Method for recognizing speech using linguistically-motivated hidden Markov

models

DATE-ISSUED: December 7, 1993

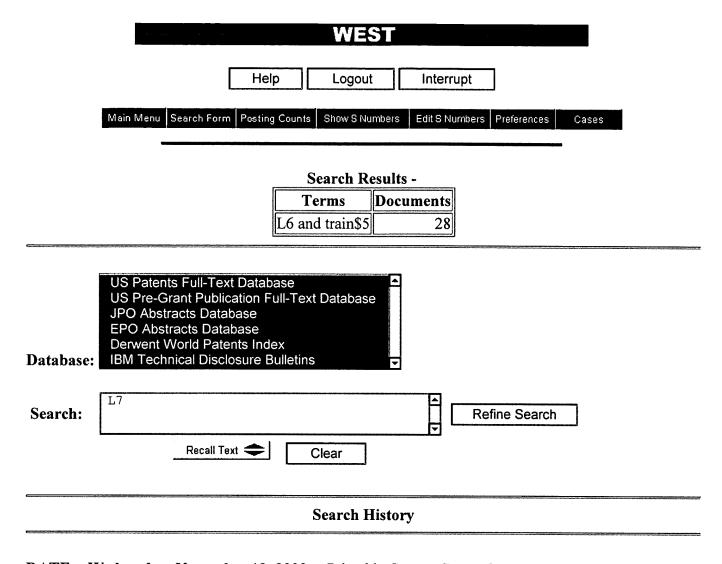
NAME	CITY	STATE	ZIP CODE	COUNTRY
Cohen; Michael H.	East Palo Alto	CA		
Weintraub; Mitchel	Fremont	CA		
Price; Patti J.	Palo Alto	CA		
Murveit; Hy	Redwood City	CA		
Bernstein; Jared C.	Menlo Park	CA		

US-CL-CURRENT: <u>704/200</u>; <u>704/243</u>

Full Title Citation Front Revi	ew Classification Date Reference Sequences Attachment	KWIC Draw Desc Image
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DATE: Wednesday, November 12, 2003 Printable Copy Create Case

Set Name		Hit Count S	Set Name result set
•	SPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=OR		result set
<u>L7</u>	L6 and train\$5	28	<u>L7</u>
<u>L6</u>	L5 and approximate	119	<u>L6</u>
<u>L5</u>	neuro\$4 same (financ\$3 or invest\$5) and (reinforcement or dynamic programming)	284	<u>L5</u>
DB=US	SPT; PLUR=NO; OP=OR		
<u>L4</u>	6,304,864.pn.	1	<u>L4</u>
<u>L3</u>	L2	1	<u>L3</u>
<u>L2</u>	6,336,109.pn.	1	<u>L2</u>
$DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD;\ PLUR=NO;\ OP=OR$			
<u>L1</u>	6,336,1098.pn.	0	<u>L1</u>

END OF SEARCH HISTORY

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Generate Collection

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Search Results - Record(s) 1 through 28 of 28 returned.

☐ 1. Document ID: US 20030198954 A1

L7: Entry 1 of 28

File: PGPB

Oct 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030198954

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030198954 A1

TITLE: Human cDNAs and proteins and uses thereof

PUBLICATION-DATE: October 23, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bejanin, Stephane Paris FR Tanaka, Hiroaki Antony FR

US-CL-CURRENT: 435/6; 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draws Desc Image

☐ 2. Document ID: US 20030170628 A1

L7: Entry 2 of 28

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170628

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030170628 A1

TITLE: Human cDNAs and proteins and uses thereof

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bejanin, Stephane Paris FR Tanaka, Hiroaki Antony FR

US-CL-CURRENT: 435/6; 435/320.1, 435/325, 435/69.1, 435/7.1, 530/350, 530/388.1,

<u>536/23.5</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMIC Draw Desc Image

3. Document ID: US 20030162186 A1

L7: Entry 3 of 28

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030162186

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030162186 A1

TITLE: Human cDNAs and proteins and uses thereof

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bejanin, Stephane Paris FR Tanaka, Hiroaki Antony FR

US-CL-CURRENT: <u>435/6</u>; <u>435/183</u>, <u>435/320.1</u>, <u>435/325</u>, <u>435/69.1</u>, <u>536/23.2</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KNIC Draw Desc Image

☐ 4. Document ID: US 20030157485 A1

L7: Entry 4 of 28 File: PGPB Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030157485

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030157485 A1

TITLE: Human cDNAs and proteins and uses thereof

PUBLICATION-DATE: August 21, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bejanin, Stephane Paris FR Tanaka, Hiroaki Antony FR

US-CL-CURRENT: 435/6; 435/226, 435/320.1, 435/325, 435/69.1, 435/7.2, 530/388.26,

536/23.2, 800/8

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 5. Document ID: US 20030152921 A1

L7: Entry 5 of 28 File: PGPB Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030152921

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030152921 A1

TITLE: Full-length human cDNAs encoding potentially secreted proteins

PUBLICATION-DATE: August 14, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Dumas Milne Edwards, Jean-Baptiste Paris FR
Bougueleret, Lydie Petit Lancy CH
Jobert, Severin Paris FR

US-CL-CURRENT: 435/6; 435/183, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Drawt Desc Image

☐ 6. Document ID: US 20030096339 A1

L7: Entry 6 of 28

File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030096339

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030096339 A1

TITLE: Cytokine receptor zcytor17

PUBLICATION-DATE: May 22, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Sprecher, Cindy A. Seattle WA US Presnell, Scott R. WA Tacoma US Gao, Zeren Redmond WA US Whitmore, Theodore E. Redmond WA US Kuijper, Joseph L. Kenmore WA US Maurer, Mark F. WA US Seattle

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 530/350, 536/23.5

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 7. Document ID: US 20030096247 A1

L7: Entry 7 of 28

File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030096247

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030096247 A1

TITLE: Human cDNAs and proteins and uses thereof

PUBLICATION-DATE: May 22, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bejanin, Stephane Paris FR Tanaka, Hiroaki Antony FR

US-CL-CURRENT: 435/6; 435/183, 435/320.1, 435/325, 435/69.1, 530/350, 536/23.2,

<u>800/8</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 8. Document ID: US 20030092011 A1

L7: Entry 8 of 28

File: PGPB

May 15, 2003

PGPUB-DOCUMENT-NUMBER: 20030092011

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030092011 A1

TITLE: Human cDNAs and proteins and uses thereof

PUBLICATION-DATE: May 15, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bejanin, Stephane Paris FR Tanaka, Hiroaki Antony FR

US-CL-CURRENT: 435/6; 435/183, 435/320.1, 435/325, 435/69.1, 435/7.9, 536/23.2,

800/3

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWMC Draw Desc Image

9. Document ID: US 20030032167 A1

L7: Entry 9 of 28

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030032167

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030032167 A1

TITLE: Secreted alpha-helical protein zlmda24

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Conklin, Darrell C. Seattle WA US Gao, Zeren Redmond WA US Lofton-Day, Catherine E. US Brier WA Whitmore, Theodore E. Redmond WA US

US-CL-CURRENT: 435/226; 435/320.1, 435/325, 435/69.1, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWMC Draws Desc Image

☐ 10. Document ID: US 20030027253 A1

L7: Entry 10 of 28 File: PGPB Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030027253

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030027253 A1

TITLE: Cytokine receptor zcytor19

PUBLICATION-DATE: February 6, 2003

Feb 6, 2003

NAME CITY STATE COUNTRY RULE-47 Presnell, Scott R. Tacoma WA US

Xu, Wenfeng Mukilteo WA US Novak, Julia E. Bainbridge Island WA US Whitmore, Theodore E. Redmond WA US Grant, Francis J. Seattle WA US

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 435/6, 530/350, 536/23.5

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

☐ 11. Document ID: US 20030027248 A1

L7: Entry 11 of 28 File: PGPB

PGPUB-DOCUMENT-NUMBER: 20030027248

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030027248 A1

TITLE: Human cDNAs and proteins and uses thereof

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bejanin, Stephane Paris FR Tanaka, Hiroaki Antony FR

US-CL-CURRENT: $\underline{435}/\underline{69.1}$; $\underline{435}/\underline{183}$, $\underline{435}/\underline{320.1}$, $\underline{435}/\underline{325}$, $\underline{435}/\underline{6}$, $\underline{530}/\underline{350}$, $\underline{536}/\underline{23.2}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 12. Document ID: US 20030027161 A1

L7: Entry 12 of 28 File: PGPB Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030027161

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030027161 A1

TITLE: Human cDNAs and proteins and uses thereof

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bejanin, Stephane Paris FR Tanaka, Hiroaki Antony FR

US-CL-CURRENT: 435/6; 435/183, 435/320.1, 435/325, 435/69.1, 530/350, 536/23.2,

800/8

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 13. Document ID: US 20020147140 A1

L7: Entry 13 of 28

File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020147140

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020147140 A1

TITLE: Nucleic acids, proteins, and antibodies

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Rosen, Craig A. Laytonsville MD US Ruben, Steven M. Olney MD US Barash, Steven C. Rockville MD US

US-CL-CURRENT: 514/12; 435/183, 435/320.1, 435/325, 435/6, 435/69.1, 530/350,

<u>536/23.1</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Drawl Desc Image

☐ 14. Document ID: US 20020107211 A1

L7: Entry 14 of 28

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020107211

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020107211 A1

TITLE: Modulators of body weight, corresponding nucleic acids and proteins, and

diagnostic and therapeutic uses thereof

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Friedman, Jeffrey M. New York NY US Halaas, Jeffrey L. New York NY US Gajiwala, Ketan New York NY US Burley, Stephen K. New York NY US Zhang, Yiying New York NY US Proenca, Ricardo Astoria NY US Maffei, Margherita New York NY US

US-CL-CURRENT: 514/44; 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWC Draw Desc Image

☐ 15. Document ID: US 20020102604 A1

L7: Entry 15 of 28

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102604

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102604 A1

TITLE: Full-length human cDNAs encoding potentially secreted proteins

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Milne Edwards, Jean-Baptiste Dumas Paris FR
Bougueleret, Lydie Petit Lancy CH
Jobert, Severin Paris FR

US-CL-CURRENT: 435/7.1; 530/350, 536/23.1

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

☐ 16. Document ID: US 20020102581 A1

L7: Entry 16 of 28 File: PGPB Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102581

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102581 A1

TITLE: Diagnostics and therapeutics for ocular disorders

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Hageman, Gregory S. Coralville IA US Mullins, Robert F. Coralville IA US

US-CL-CURRENT: 435/6; 435/40.5, 435/7.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 17. Document ID: US 6601051 B1

L7: Entry 17 of 28 File: USPT Jul 29, 2003

US-PAT-NO: 6601051

DOCUMENT-IDENTIFIER: US 6601051 B1

TITLE: Neural systems with range reducers and/or extenders

DATE-ISSUED: July 29, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lo; James Ting-Ho Howard County MD Yu; Lei Sterling VA

US-CL-CURRENT: 706/23; 706/22, 706/25, 706/30, 706/31

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 18. Document ID: US 6471956 B1

L7: Entry 18 of 28

File: USPT

Oct 29, 2002

US-PAT-NO: 6471956

DOCUMENT-IDENTIFIER: US 6471956 B1

TITLE: Ob polypeptides, modified forms and compositions thereto

DATE-ISSUED: October 29, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Friedman; Jeffrey M. New York NY Zhang; Yiying New York NY Proenca; Ricardo Astoria NY

US-CL-CURRENT: $\underline{424}/\underline{85.1}$; $\underline{514}/\underline{12}$, $\underline{514}/\underline{2}$, $\underline{514}/\underline{8}$, $\underline{530}/\underline{300}$, $\underline{530}/\underline{350}$, $\underline{530}/\underline{351}$, $\underline{530}/\underline{402}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWC Draw Desc Image

☐ 19. Document ID: US 6350730 B1

L7: Entry 19 of 28

File: USPT

Feb 26, 2002

US-PAT-NO: 6350730

DOCUMENT-IDENTIFIER: US 6350730 B1

** See image for Certificate of Correction **

TITLE: OB polypeptides and modified forms as modulators of body weight

DATE-ISSUED: February 26, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Friedman; Jeffrey M. New York NY Zhang; Yiying New York NY Proenca; Ricardo Astoria NY

US-CL-CURRENT: <u>514/12</u>; <u>514/2</u>, <u>514/8</u>, <u>514/909</u>, <u>530/350</u>, <u>530/421</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWMC Draw Desc Image

☐ 20. Document ID: US 6309853 B1

L7: Entry 20 of 28

File: USPT

Oct 30, 2001

US-PAT-NO: 6309853

DOCUMENT-IDENTIFIER: US 6309853 B1

TITLE: Modulators of body weight, corresponding nucleic acids and proteins, and

diagnostic and therapeutic uses thereof

DATE-ISSUED: October 30, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Friedman; Jeffrey M. New York NY Zhang; Yiying New York NY Proenca; Ricardo Astoria NY

US-CL-CURRENT: 435/69.1; 435/252.3, 435/252.31, 435/252.33, 435/252.34, 435/252.35, 435/320.1, 435/325, 536/23.1, 536/23.5, 536/23.51, 536/24.3

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 21. Document ID: US 6221908 B1

L7: Entry 21 of 28 File: USPT Apr 24, 2001

US-PAT-NO: 6221908

DOCUMENT-IDENTIFIER: US 6221908 B1

TITLE: System for stimulating brain plasticity

DATE-ISSUED: April 24, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Kilgard; Michael P. Richardson TX Merzenich; Michael M. San Francisco CA

US-CL-CURRENT: 514/546; 514/642, 607/2, 607/3, 607/45

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 22. Document ID: US 6124448 A

L7: Entry 22 of 28 File: USPT Sep 26, 2000

US-PAT-NO: 6124448

DOCUMENT-IDENTIFIER: US 6124448 A

TITLE: Nucleic acid primers and probes for the mammalian OB gene

DATE-ISSUED: September 26, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Friedman; Jeffrey M. New York NY
Zhang; Yiying New York NY
Proenca; Ricardo Astoria NY
Maffei; Margherita New York NY

US-CL-CURRENT: 536/24.3; 536/24.31

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWWC Draw Desc Image

☐ 23. Document ID: US 6124439 A

L7: Entry 23 of 28

File: USPT

Sep 26, 2000

US-PAT-NO: 6124439

DOCUMENT-IDENTIFIER: US 6124439 A

TITLE: OB polypeptide antibodies and method of making

DATE-ISSUED: September 26, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Friedman; Jeffrey M. New York NY Zhang; Yiying New York NY Proenca; Ricardo Astoria NY

 $\begin{array}{c} \text{US-CL-CURRENT: } \underline{530/388.24; } \underline{424/130.1, } \underline{424/133.1, } \underline{424/135.1, } \underline{424/141.1, } \underline{424/142.1, } \underline{424/145.1, } \underline{424/158.1, } \underline{424/178.1, } \underline{435/326, } \underline{435/328, } \underline{435/331, } \underline{435/336, } \underline{435/336, } \underline{435/70.2, } \underline{435/70.21, } \underline{435/70.21, } \underline{435/975, } \underline{530/387.3, } \underline{530/387.9, } \underline{530/388.15, } \underline{530/388.73, } \underline{530/389.2, } \underline{530/391.1, } \underline{530/391.3, } \underline{530/391.7, } \underline{530/864} \end{array}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 24. Document ID: US 6048837 A

L7: Entry 24 of 28

File: USPT

Apr 11, 2000

US-PAT-NO: 6048837

DOCUMENT-IDENTIFIER: US 6048837 A

TITLE: OB polypeptides as modulators of body weight

DATE-ISSUED: April 11, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Friedman; Jeffrey M. New York NY Zhang; Yiying New York NY Proenca; Ricardo Astoria NY

US-CL-CURRENT: <u>514/2</u>; <u>424/85.1</u>, <u>514/12</u>, <u>514/21</u>, <u>514/8</u>, <u>514/844</u>, 514/866, 514/909

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWMC | Draw Desc | Image |

☐ 25. Document ID: US 6020166 A

L7: Entry 25 of 28

File: USPT

Feb 1, 2000

US-PAT-NO: 6020166

DOCUMENT-IDENTIFIER: US 6020166 A

TITLE: Nucleic acid encoding an altered telomere repeat binding factor 2

DATE-ISSUED: February 1, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

De Lange; Titia New York NY Van Steensel; Bas Seattle WA

Bianchi; Alessandro Geneve CH

US-CL-CURRENT: 435/69.1; 435/243, 435/252.3, 435/320.1, 435/325, 435/410, 536/23.1,

536/23.5

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

☐ 26. Document ID: US 5917019 A

L7: Entry 26 of 28 File: USPT Jun 29, 1999

US-PAT-NO: 5917019

DOCUMENT-IDENTIFIER: US 5917019 A

TITLE: Altered telomere repeat binding factor 2

DATE-ISSUED: June 29, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

de Lange; Titia New York NY
Steensel; Bas Van New York NY
Bianchi; Alessandro New York NY

US-CL-CURRENT: 530/358; 530/350

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 27. Document ID: US 5687286 A

L7: Entry 27 of 28 File: USPT Nov 11, 1997

US-PAT-NO: 5687286

DOCUMENT-IDENTIFIER: US 5687286 A

** See image for Certificate of Correction **

TITLE: Neural networks with subdivision

DATE-ISSUED: November 11, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Bar-Yam; Yaneer Newton MA 02160

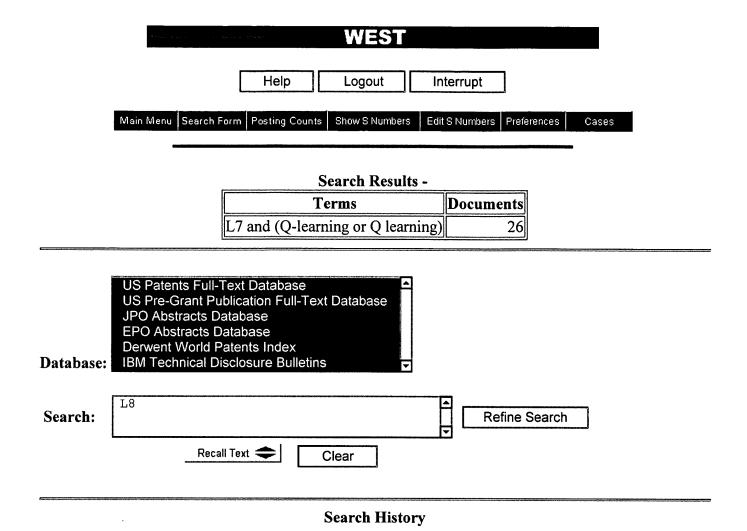
US-CL-CURRENT: <u>704/232</u>; <u>704/202</u>, <u>704/231</u>, <u>704/258</u>, <u>704/259</u>, <u>706/20</u>, 706/25

Full Title Citation Front Review Classification Da	ate Reference Sequences	Attachments	KWMC Draw. D	Pesc Image
☐ 28. Document ID: US 551547	7 A			
L7: Entry 28 of 28	File:	USPT		May 7, 1996
US-PAT-NO: 5515477 DOCUMENT-IDENTIFIER: US 5515477 A				
TITLE: Neural networks				
DATE-ISSUED: May 7, 1996				
INVENTOR-INFORMATION: NAME CITY Sutherland; John Hamilton, US-CL-CURRENT: 706/41; 128/925, 70		STATE	ZIP CODE	COUNTRY CA
Full Title Citation Front Review Classification Da	ate Reference Sequences	Attachments	KWWC Drawn [esc Image
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DATE: Wednesday, November 12, 2003 Printable Copy Create Case

Set Name		Hit Count	Set Name
side by side			result set
DB=US	$PT,PGPB,JPAB,EPAB,DWPI,TDBD;\ PLUR=NO;\ OP=OR$		
<u>L8</u>	L7 and (Q-learning or Q learning)	26	<u>L8</u>
<u>L7</u>	L6 and train\$5	28	<u>L7</u>
<u>L6</u>	L5 and approximate	119	<u>L6</u>
1.3	neuro\$4 same (financ\$3 or invest\$5) and (reinforcement or dynamic programming)	284	<u>L5</u>
DB = US	PT; PLUR=NO; OP=OR		
<u>L4</u>	6,304,864.pn.	1	<u>L4</u>
<u>L3</u>	L2	1	<u>L3</u>
<u>L2</u>	6,336,109.pn.	1	<u>L2</u>
DB=US	PT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=OR		
<u>L1</u>	6,336,1098.pn.	0	<u>L1</u>

END OF SEARCH HISTORY

WEST

Generate Collection

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Search Results - Record(s) 1 through 26 of 26 returned.

☐ 1. Document ID: US 20030198954 A1

L8: Entry 1 of 26 File: PGPB

Oct 23, 2003

PGPUB-DOCUMENT-NUMBER: 20030198954

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030198954 A1

TITLE: Human cDNAs and proteins and uses thereof

PUBLICATION-DATE: October 23, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bejanin, Stephane Paris FR Tanaka, Hiroaki Antony FR

US-CL-CURRENT: <u>435/6</u>; <u>536/23.2</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw Desc Image

☐ 2. Document ID: US 20030170628 A1

L8: Entry 2 of 26 File: PGPB Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170628

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030170628 A1

TITLE: Human cDNAs and proteins and uses thereof

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bejanin, Stephane Paris FR Tanaka, Hiroaki Antony FR

US-CL-CURRENT: 435/6; 435/320.1, 435/325, 435/69.1, 435/7.1, 530/350, 530/388.1,

<u>536/23.5</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw Desc Image

☐ 3. Document ID: US 20030162186 A1

L8: Entry 3 of 26 File: PGPB Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030162186

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030162186 A1

TITLE: Human cDNAs and proteins and uses thereof

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bejanin, Stephane Paris FR Tanaka, Hiroaki Antony FR

US-CL-CURRENT: $\underline{435/6}$; $\underline{435/183}$, $\underline{435/320.1}$, $\underline{435/325}$, $\underline{435/69.1}$, $\underline{536/23.2}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw Desc Image

☐ 4. Document ID: US 20030157485 A1

L8: Entry 4 of 26

File: PGPB Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030157485

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030157485 A1

TITLE: Human cDNAs and proteins and uses thereof

PUBLICATION-DATE: August 21, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bejanin, Stephane Paris FR Tanaka, Hiroaki Antony FR

US-CL-CURRENT: <u>435/6</u>; <u>435/226</u>, <u>435/320.1</u>, <u>435/325</u>, 435/69.1, 435/7.2, 530/388.26,

<u>536/23.2</u>, <u>800/8</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWWC Draw, Desc Image

☐ 5. Document ID: US 20030152921 A1

L8: Entry 5 of 26

File: PGPB

Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030152921

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030152921 A1

TITLE: Full-length human cDNAs encoding potentially secreted proteins

PUBLICATION-DATE: August 14, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Dumas Milne Edwards, Jean-Baptiste Paris FR Bougueleret, Lydie Petit Lancy CH Jobert, Severin Paris FR

US-CL-CURRENT: 435/6; 435/183, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWMC Draw, Desc Image

☐ 6. Document ID: US 20030096339 A1

L8: Entry 6 of 26

File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030096339

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030096339 A1

TITLE: Cytokine receptor zcytor17

PUBLICATION-DATE: May 22, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Sprecher, Cindy A. Seattle WA US Presnell, Scott R. Tacoma WA US Gao, Zeren Redmond WA US Whitmore, Theodore E. Redmond WA US Kuijper, Joseph L. Kenmore WA US Maurer, Mark F. Seattle WA US

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 530/350, 536/23.5

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 7. Document ID: US 20030096247 A1

L8: Entry 7 of 26

File: PGPB

May 22, 2003

PGPUB-DOCUMENT-NUMBER: 20030096247

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030096247 A1

TITLE: Human cDNAs and proteins and uses thereof

PUBLICATION-DATE: May 22, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bejanin, Stephane Paris FR Tanaka, Hiroaki Antony FR

US-CL-CURRENT: $\underline{435/6}$; $\underline{435/183}$, $\underline{435/320.1}$, $\underline{435/325}$, $\underline{435/69.1}$, $\underline{530/350}$, $\underline{536/23.2}$, $\underline{800/8}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

□ 8. Document ID: US 20030092011 A1

L8: Entry 8 of 26

File: PGPB

May 15, 2003

PGPUB-DOCUMENT-NUMBER: 20030092011

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030092011 A1

TITLE: Human cDNAs and proteins and uses thereof

PUBLICATION-DATE: May 15, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bejanin, Stephane Paris FR Tanaka, Hiroaki Antony FR

US-CL-CURRENT: 435/6; 435/183, 435/320.1, 435/325, 435/69.1, 435/7.9, 536/23.2,

800/3

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMIC Draw Desc Image

9. Document ID: US 20030032167 A1

L8: Entry 9 of 26

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030032167

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030032167 A1

TITLE: Secreted alpha-helical protein zlmda24

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Conklin, Darrell C. Seattle WA US Gao, Zeren Redmond WA US Lofton-Day, Catherine E. Brier WA US Whitmore, Theodore E. Redmond WA US

US-CL-CURRENT: 435/226; 435/320.1, 435/325, 435/69.1, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 10. Document ID: US 20030027253 A1

L8: Entry 10 of 26 File: PGPB Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030027253

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030027253 A1

TITLE: Cytokine receptor zcytor19

PUBLICATION-DATE: February 6, 2003

NAME CITY STATE COUNTRY RULE-47

Presnell, Scott R. Tacoma WA Xu, Wenfeng Mukilteo WA US Novak, Julia E. Bainbridge Island WA US Whitmore, Theodore E. Redmond WA US Grant, Francis J. Seattle WA US

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 435/6, 530/350, 536/23.5

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

☐ 11. Document ID: US 20030027248 A1

L8: Entry 11 of 26 File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030027248

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030027248 A1

TITLE: Human cDNAs and proteins and uses thereof

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bejanin, Stephane Paris FR Tanaka, Hiroaki Antony FR

US-CL-CURRENT: 435/69.1; 435/183, 435/320.1, 435/325, 435/6, 530/350, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

☐ 12. Document ID: US 20030027161 A1

L8: Entry 12 of 26 File: PGPB Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030027161

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030027161 A1

TITLE: Human cDNAs and proteins and uses thereof

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Bejanin, Stephane Paris FR Tanaka, Hiroaki Antony FR

US-CL-CURRENT: 435/6; 435/183, 435/320.1, 435/325, 435/69.1, 530/350, 536/23.2,

800/8

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Drawt Desc Image

☐ 13. Document ID: US 20020147140 A1

L8: Entry 13 of 26

File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020147140

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020147140 A1

TITLE: Nucleic acids, proteins, and antibodies

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Rosen, Craig A. Laytonsville MD US Ruben, Steven M. Olney MD US Barash, Steven C. Rockville MD US

US-CL-CURRENT: $\underline{514}/\underline{12}$; $\underline{435}/\underline{183}$, $\underline{435}/\underline{320.1}$, $\underline{435}/\underline{325}$, $\underline{435}/\underline{6}$, $\underline{435}/\underline{69.1}$, $\underline{530}/\underline{350}$,

536/23.1

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 14. Document ID: US 20020107211 A1

L8: Entry 14 of 26

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020107211

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020107211 A1

TITLE: Modulators of body weight, corresponding nucleic acids and proteins, and

diagnostic and therapeutic uses thereof

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Friedman, Jeffrey M. New York NY US Halaas, Jeffrey L. New York NY US Gajiwala, Ketan New York NY US Burley, Stephen K. New York NY US Zhang, Yiying New York NY US Proenca, Ricardo Astoria NY US Maffei, Margherita New York NY US

US-CL-CURRENT: <u>514/44</u>; <u>536/23.2</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments KIMC Draw Desc Image

☐ 15. Document ID: US 20020102604 A1

L8: Entry 15 of 26 File: PGPB Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102604

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102604 A1

TITLE: Full-length human cDNAs encoding potentially secreted proteins

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Milne Edwards, Jean-Baptiste Dumas Paris FR
Bougueleret, Lydie Petit Lancy CH
Jobert, Severin Paris FR

US-CL-CURRENT: 435/7.1; 530/350, 536/23.1

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 16. Document ID: US 20020102581 A1

L8: Entry 16 of 26 File: PGPB Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102581

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102581 A1

TITLE: Diagnostics and therapeutics for ocular disorders

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Hageman, Gregory S. Coralville IA US Mullins, Robert F. Coralville IA US

US-CL-CURRENT: 435/6; 435/40.5, 435/7.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments KWIC Draw Desc Image

☐ 17. Document ID: US 6601051 B1

L8: Entry 17 of 26 File: USPT Jul 29, 2003

US-PAT-NO: 6601051

DOCUMENT-IDENTIFIER: US 6601051 B1

TITLE: Neural systems with range reducers and/or extenders

DATE-ISSUED: July 29, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lo; James Ting-Ho Howard County MD Yu; Lei Sterling VA

US-CL-CURRENT: 706/23; 706/22, 706/25, 706/30, 706/31

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 18. Document ID: US 6471956 B1

L8: Entry 18 of 26

File: USPT

Oct 29, 2002

US-PAT-NO: 6471956

DOCUMENT-IDENTIFIER: US 6471956 B1

TITLE: Ob polypeptides, modified forms and compositions thereto

DATE-ISSUED: October 29, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Friedman; Jeffrey M. New York NY Zhang; Yiying New York NY Proenca; Ricardo Astoria NY

US-CL-CURRENT: $\underline{424}/\underline{85.1}$; $\underline{514}/\underline{12}$, $\underline{514}/\underline{2}$, $\underline{514}/\underline{85.1}$; $\underline{514}/\underline{12}$, $\underline{514}/\underline{1$

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWMC Draw. Desc Image

☐ 19. Document ID: US 6350730 B1

L8: Entry 19 of 26

File: USPT

Feb 26, 2002

US-PAT-NO: 6350730

DOCUMENT-IDENTIFIER: US 6350730 B1

** See image for Certificate of Correction **

TITLE: OB polypeptides and modified forms as modulators of body weight

DATE-ISSUED: February 26, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Friedman; Jeffrey M. New York NY Zhang; Yiying New York NY Proenca; Ricardo Astoria NY

US-CL-CURRENT: 514/12; 514/2, 514/8, 514/909, 530/350, 530/421

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KNNC Draw Desc Image

☐ 20. Document ID: US 6309853 B1

L8: Entry 20 of 26

File: USPT

Oct 30, 2001

US-PAT-NO: 6309853

DOCUMENT-IDENTIFIER: US 6309853 B1

TITLE: Modulators of body weight, corresponding nucleic acids and proteins, and

diagnostic and therapeutic uses thereof

DATE-ISSUED: October 30, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Friedman; Jeffrey M. New York NY Zhang; Yiying New York NY Proenca; Ricardo Astoria NY

US-CL-CURRENT: $\frac{435}{69.1}$; $\frac{435}{252.3}$, $\frac{435}{252.31}$, $\frac{435}{252.33}$, $\frac{435}{252.34}$, $\frac{435}{252.34}$, $\frac{435}{252.35}$, $\frac{435}{320.1}$, $\frac{435}{325}$, $\frac{536}{23.1}$, $\frac{536}{23.5}$, $\frac{536}{23.5}$, $\frac{536}{23.5}$, $\frac{536}{23.5}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments Killi

KMC Draw Desc Image

☐ 21. Document ID: US 6221908 B1

L8: Entry 21 of 26

File: USPT

Apr 24, 2001

Sep 26, 2000

US-PAT-NO: 6221908

DOCUMENT-IDENTIFIER: US 6221908 B1

TITLE: System for stimulating brain plasticity

DATE-ISSUED: April 24, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Kilgard; Michael P. Richardson TX Merzenich; Michael M. San Francisco CA

US-CL-CURRENT: <u>514/546</u>; <u>514/642</u>, <u>607/2</u>, <u>607/3</u>, <u>607/45</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments

☐ 22. Document ID: US 6124448 A

L8: Entry 22 of 26 File: USPT

US-PAT-NO: 6124448

DOCUMENT-IDENTIFIER: US 6124448 A

TITLE: Nucleic acid primers and probes for the mammalian OB gene

DATE-ISSUED: September 26, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Friedman; Jeffrey M. New York NY Zhang; Yiying New York NY Proenca; Ricardo Astoria NY Maffei; Margherita New York NY

US-CL-CURRENT: <u>536/24.3</u>; <u>536/24.31</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 23. Document ID: US 6124439 A

L8: Entry 23 of 26

File: USPT

Sep 26, 2000

US-PAT-NO: 6124439

DOCUMENT-IDENTIFIER: US 6124439 A

TITLE: OB polypeptide antibodies and method of making

DATE-ISSUED: September 26, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Friedman; Jeffrey M. New York NY Zhang; Yiying New York NY Proenca; Ricardo Astoria NY

 $\begin{array}{c} \text{US-CL-CURRENT: } \underline{530/388.24; } \underline{424/130.1, } \underline{424/133.1, } \underline{424/135.1, } \underline{424/141.1, } \underline{424/142.1, } \underline{424/145.1, } \underline{424/158.1, } \underline{424/178.1, } \underline{435/326, } \underline{435/328, } \underline{435/331, } \underline{435/335, } \underline{435/336, } \underline{435/336, } \underline{435/70.21, } \underline{435/70.21, } \underline{435/975, } \underline{530/387.3, } \underline{530/387.9, } \underline{530/388.15, } \underline{530/388.73, } \underline{530/389.2, } \underline{530/391.1, } \underline{530/391.3, } \underline{530/391.7, } \underline{530/864} \end{array}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWMC Draw, Desc Image

☐ 24. Document ID: US 6048837 A

L8: Entry 24 of 26

File: USPT

Apr 11, 2000

US-PAT-NO: 6048837

DOCUMENT-IDENTIFIER: US 6048837 A

TITLE: OB polypeptides as modulators of body weight

DATE-ISSUED: April 11, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Friedman; Jeffrey M. New York NY Zhang; Yiying New York NY Proenca; Ricardo Astoria NY

US-CL-CURRENT: <u>514/2</u>; <u>424/85.1</u>, <u>514/12</u>, <u>514/21</u>, 514/8, 514/844, 514/866, 514/909

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 25. Document ID: US 5687286 A

L8: Entry 25 of 26

File: USPT

Nov 11, 1997

US-PAT-NO: 5687286

DOCUMENT-IDENTIFIER: US 5687286 A

** See image for Certificate of Correction **

TITLE: Neural networks with subdivision

DATE-ISSUED: November 11, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Bar-Yam; Yaneer Newton MA 02160

US-CL-CURRENT: 704/232; 704/202, 704/231, 704/258, 704/259, 706/20, 706/25

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 26. Document ID: US 5515477 A

L8: Entry 26 of 26 File: USPT

May 7, 1996

US-PAT-NO: 5515477

DOCUMENT-IDENTIFIER: US 5515477 A

TITLE: Neural networks

DATE-ISSUED: May 7, 1996

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Sutherland; John Hamilton, Ontario CA

US-CL-CURRENT: 706/41; 128/925, 706/16, 706/27

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC Draw Desc Image

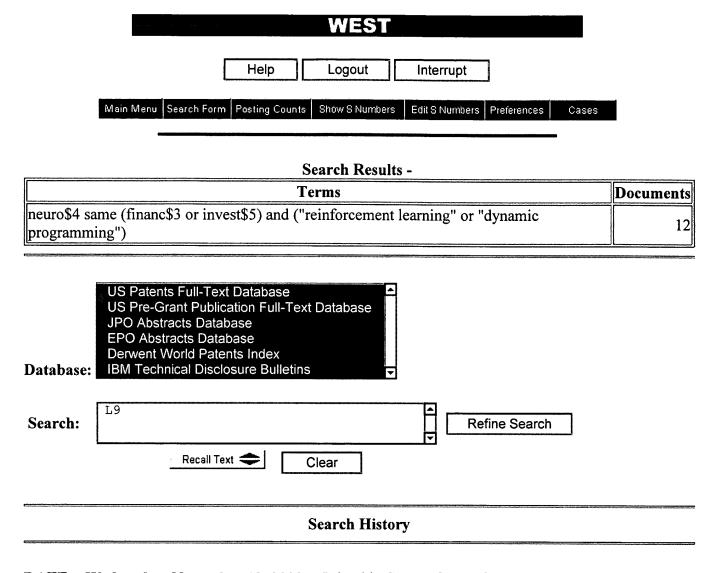
Generate Collection

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Terms	Documents
L7 and (Q-learning or Q learning)	26

Display Format: - Change Format

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DATE: Wednesday, November 12, 2003 Printable Copy Create Case

Set Name side by side		Hit Count	Set Name result set
DB=U	SPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=NO; OP=OR		
<u>L9</u>	neuro\$4 same (financ\$3 or invest\$5) and ("reinforcement learning" or "dynamic programming")	12	<u>L9</u>
<u>L8</u>	L7 and (Q-learning or Q learning)	26	<u>L8</u>
<u>L7</u>	L6 and train\$5	28	<u>L7</u>
<u>L6</u>	L5 and approximate	119	<u>L6</u>
<u>L5</u>	neuro\$4 same (financ\$3 or invest\$5) and (reinforcement or dynamic programming)	284	<u>L5</u>
DB=U	SPT; PLUR=NO; OP=OR		
<u>L4</u>	6,304,864.pn.	1	<u>L4</u>
<u>L3</u>	L2	1	<u>L3</u>
<u>L2</u>	6,336,109.pn.	1	<u>L2</u>
DB=U	$SPT,PGPB,JPAB,EPAB,DWPI,TDBD;\ PLUR=NO;\ OP=OR$		
<u>L1</u>	6,336,1098.pn.	0	<u>L1</u>

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 12 of 12 returned.

☐ 1. Document ID: US 20030207434 A1

L9: Entry 1 of 12

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030207434

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030207434 A1

TITLE: Phosphodiesterases

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Baughn, Mariah R.	San Leandro	CA	US	
Lu, Dyung Aina M.	San Jose	CA	US	
Yue, Henry	Sunnyvale	CA	US	
Tang, Y. Tom	San Jose	CA	US	
Nguyen, Danniel B.	San Jose	CA	US	

US-CL-CURRENT: 435/196; 424/94.6, 435/320.1, 435/325, 435/6, 435/69.1, 514/1, 536/23.2, 800/8

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw Desc Image	_													7 - 17 - 17 - 17 - 17 - 17 - 17 - 17 -	
		Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw, Desc	Image

☐ 2. Document ID: US 20030207430 A1

L9: Entry 2 of 12

File: PGPB

Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030207430

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030207430 A1

TITLE: Human enzyme molecules

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tang, Y. Tom	San Jose	CA	US	
Lu, Dyung Aina M.	San Jose	CA	US	
Bandman, Olga	Mountain View	CA	US	
Yue, Henry	Sunnyvale	CA	US	
Azimzai, Yalda	Castro Valley	CA	US	
Burford, Neil	Durham	CT	US	
Lal, Preeti	Santa Clara	CA	US	
Baughn, Mariah R.	San Leandro	CA	US	

US-CL-CURRENT: 435/183; 435/320.1, 435/325, 435/6, 435/69.1, 530/388.26, 536/23.2, 800/8

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KNNC Draw Desc Image

☐ 3. Document ID: US 20030143589 A1

L9: Entry 3 of 12

File: PGPB

Jul 31, 2003

PGPUB-DOCUMENT-NUMBER: 20030143589

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030143589 A1

TITLE: Drug metabolizing enzymes

PUBLICATION-DATE: July 31, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Baughn, Mariah R.	San Leandro	CA	US	
Bruns, Christopher M.	Mountain View	CA	US	
Das, Debopriya	Mountain View	CA	US	
Ding, Li	Creve Coeur	MO	US	
Elliott, Vicki S.	San Jose	CA	US	
Gandhi, Ameena R.	San Francisco	CA	US	
Hafalia, April J.A.	Santa Clara	CA	US	
Kearney, Liam	San Francisco	CA	US	
Khan, Farrah A.	Des Plaines	IL	US	
Lal, Preeti G.	Santa Clara	CA	US	
Lee, Ernestine A.	Castro Valley	CA	US	
Lu, Dyung Aina M.	San Jose	CA	US	
Lu, Yan	Mountain View	CA	US	
Nguyen, Danniel B.	San Jose	CA	US	
Arvizu, Chandra S.	San Jose	CA	US	
Ramkumar, Jayalaxmi	Fremont	CA	US	
Ring, Huijun Z.	Foster City	CA	US	
Sanjanwala, Madhusudan M.	Los Altos	CA	US	
Tang, Y. Tom	San Jose	CA	US	
Thangavelu, Kavitha	Sunnyvale	CA	US	
Thornton, Michael B.	Oakland	CA	US	
Tribouley, Catherine M.	San Francisco	CA	US	
Chawla, Narinder K.	Union City	CA	US	
Xu, Yuming	Mountain View	CA	US	
Yang, Junming	San Jose	CA	US	
Yao, Monique G.	Carmel	IN	US	
Yue, Henry	Sunnyvale	CA	US	

US-CL-CURRENT: <u>435/6</u>; <u>435/183</u>, <u>435/320.1</u>, 435/325, 435/69.1, 530/388.26, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 4. Document ID: US 20030143588 A1

L9: Entry 4 of 12

File: PGPB

Jul 31, 2003

PGPUB-DOCUMENT-NUMBER: 20030143588

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030143588 A1

TITLE: Phosphodiesterases

PUBLICATION-DATE: July 31, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Thornton, Michael B.	Woodside	CA	US	
Ding, Li	Creve Coeur	MO	US	
Arvizu, Chandra S.	San Jose	CA	US	
Yao, Monique G.	Carmel	IN	US	
Tribouley, Catherine M.	San Francisco	CA	US	
Lal, Preeti G.	Santa Clara	CA	US	
Hafalia, April J. A.	Santa Clara	CA	US	
Baughn, Mariah R.	San Leandro	CA	US	
Ramkumar, Jayalaxmi	Fremont	CA	US	
Lu, Yan	Palo Alto	CA	US	
Chawla, Narinder K.	Union City	CA	US	

 $\text{US-CL-CURRENT: } \underline{435/6}; \ \underline{435/196}, \ \underline{435/320.1}, \ \underline{435/325}, \ \underline{435/69.1}, \ \underline{530/388.26}, \ \underline{536/23.2}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 5. Document ID: US 20030139578 A1

L9: Entry 5 of 12

File: PGPB

Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030139578

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030139578 A1

TITLE: Antibodies specifically binding PDE8A and PDE8B

PUBLICATION-DATE: July 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Au-Young, Janice K.	Brisbane	CA	US	
Cocks, Benjamin G.	Sunnyvale	CA	US	
Coleman, Roger T.	Sunnyvale	CA	US	
Seilhamer, Jeffrey J.	Los Altos Hills	CA	US	
Fisher, Douglas A.	Groton	CT	US	

US-CL-CURRENT: <u>530/388.8</u>; <u>424/155.1</u>, <u>435/7.1</u>, <u>435/7.23</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC Draw Desc Image

☐ 6. Document ID: US 20030138895 A1

L9: Entry 6 of 12

File: PGPB

Jul 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030138895

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030138895 A1

TITLE: Drug metabolizing enzymes

PUBLICATION-DATE: July 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Tang, Y. Tom	San Jose	CA	US	
Baughn, Mariah R.	San Leandro	CA	US	
Yao, Monique G.	Mountain View	CA	US	
Bandman, Olga	Mountain View	CA	US	
Azimzai, Yalda	Castro Valley	CA	US	
Lal, Preeti	Santa Clara	CA	US	
Gandhi, Ameena R.	San Francisco	CA	US	
Ring, Huijun Z.	Los Altos	CA	US	
Shih, Leo L.	Palo Alto	CA	US	
Yang, Junming	San Jose	CA	US	
Policky, Jennifer L.	San Jose	CA	US	
Yue, Henry	Sunnyvale	CA	US	

US-CL-CURRENT: 435/69.1; 435/183, 435/320.1, 435/325, 435/6, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWC Draw Desc Image

☐ 7. Document ID: US 20030092156 A1

L9: Entry 7 of 12

File: PGPB

May 15, 2003

PGPUB-DOCUMENT-NUMBER: 20030092156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030092156 A1

TITLE: Antibodies specifically binding cyclic nucleotide PDEs

PUBLICATION-DATE: May 15, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Phillips, Stephen C. Wingham CA GB Harrow, Ian Herne Bay GB Lanfear, Jerry Great Chart GB Fawcett, Lindsay Canterbury GB Bandman, Olga Mountain View US

US-CL-CURRENT: 435/196; 435/7.1, 530/388.26

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWMC | Drawl Desc | Image

☐ 8. Document ID: US 6572542 B1

L9: Entry 8 of 12

File: USPT

Jun 3, 2003

US-PAT-NO: 6572542

DOCUMENT-IDENTIFIER: US 6572542 B1

TITLE: System and method for monitoring and controlling the glycemic state of a

patient

DATE-ISSUED: June 3, 2003

INVENTOR-INFORMATION:

NAME CITY

TY STATE ZIP CODE COUNTRY

Houben; Richard Berg en Terblijt

NL

Larik; Vincent Kerkrade

NL

US-CL-CURRENT: $\underline{600/300}$; $\underline{128/920}$, $\underline{128/925}$, $\underline{600/365}$, $\underline{600/508}$, $\underline{600/544}$

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWC Draw Desc Image

☐ 9. Document ID: US 6416991 B1

L9: Entry 9 of 12

File: USPT

Jul 9, 2002

US-PAT-NO: 6416991

DOCUMENT-IDENTIFIER: US 6416991 B1

TITLE: Human cyclic nucleotide PDES

DATE-ISSUED: July 9, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Phillips; Stephen C. Canterbury GB
Lanfear; Jerry Ashford GB
Fawcett; Lindsay Canterbury GB

Bandman; Olga Mountain View CA

Harrow; Ian Herne Bay GB

US-CL-CURRENT: 435/196; 435/19, 530/387.9

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 10. Document ID: US 6100037 A

L9: Entry 10 of 12

File: USPT

Aug 8, 2000

US-PAT-NO: 6100037

DOCUMENT-IDENTIFIER: US 6100037 A

** See image for Certificate of Correction **

TITLE: Human cyclic nucleotide PDEs

DATE-ISSUED: August 8, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Phillips; Stephen C. Canterbury GB
Lanfear; Jeremy Ashford GB
Fawcett; Lindsay Canterbury GB

Bandman; Olga Mountain View CA

US-CL-CURRENT: 435/6; 435/196, 435/252.3, 435/320.1, 536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 11. Document ID: US 5515477 A

L9: Entry 11 of 12 File: USPT May 7, 1996

US-PAT-NO: 5515477

DOCUMENT-IDENTIFIER: US 5515477 A

TITLE: Neural networks

DATE-ISSUED: May 7, 1996

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Sutherland; John Hamilton, Ontario CA

US-CL-CURRENT: 706/41; 128/925, 706/16, 706/27

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC Draw Desc Image

☐ 12. Document ID: US 5303328 A

L9: Entry 12 of 12 File: USPT Apr 12, 1994

US-PAT-NO: 5303328

DOCUMENT-IDENTIFIER: US 5303328 A

TITLE: Neural network system for determining optimal solution

DATE-ISSUED: April 12, 1994

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Masui; Hironari Kawasaki JP Matsuba; Ikuo Zama JP

US-CL-CURRENT: <u>706/25</u>; <u>706/19</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments

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Terms	Documents
neuro\$4 same (financ\$3 or invest\$5) and ("reinforcement learning" or	12
"dynamic programming")	12

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